HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

SERVICE MANUAL

WAX2 CHASSIS

MODEL NAME	REMOTE COMMANDER	DESTINATION
KDL-26S2000	RM-YD005	CANADA
KDL-26S2000	RM-YD005	US
KDL-32S2000	RM-YD005	CANADA
KDL-32S2000	RM-YD005	US
KDL-40S2000	RM-YD005	CANADA
KDL-40S2000	RM-YD005	US

ORIGINAL MANUAL ISSUE DATE: 2/2006

☛ :UPDATED ITEM

REVISION DATE	SUBJECT
2/2006	No revisions or updates are applicable at this time. (SN 7,000,000 Models produced in Japan)
3/2006	Updated PN for Rear Cover Screw for 26" Model, Replaced Pg. 12 with Pg. 12. Updated PN for Rear Cover Screw for 26" Model, Replaced Pg. 52 with Pg. 52. Updated PN for Button Cover, Replaced Pg. 75 with Pg. 75. Updated PN for Instruction Manuals and Quick Setup Guide, Replaced Pg. 78 with Pg. 78.
5/2006	Updated entire manual to include new serial number ranges (4,000,000 - 4,500,000 - 8,000,000 - 8,500,000 Models produced in Mexico)
8/2006	Outlined Stand Assembly to include all parts. Replaced Pg. 53. Corrected PNs for BU Boards. Replaced Pg 54, & 64-81.
1/2007	Updated TOC to include Appendix A. Replaced Pg 3. Added Encryption Key notes. Replaced Pgs 21, 27-34, 53-56, 57, & 64. Added PNs for ETC-Inverter MT Boards. Replaced Pg 56. Identified Encryption Key boards. Replaced Pg 54 & 64. Added Support Belt description to Lock Assy, Rudder. Replaced Pg. 80. Added APPENDIX A: ENCRYPTION KEY COMPONENTS to service manual. Added Pg A-1.

LCD DIGITAL COLOR TELEVISION

SONY®

9-965-994-05

Self Diagnosis Supported model

SERVICE MANUAL

WAX2 CHASSIS

MODEL NAME	REMOTE COMMANDER	DESTINATION
KDL-26S2000	RM-YD005	CANADA
KDL-26S2000	RM-YD005	US
KDL-32S2000	RM-YD005	CANADA
KDL-32S2000	RM-YD005	US
KDL-40S2000	RM-YD005	CANADA
KDL-40S2000	RM-YD005	US

KDL-26S2000

RM-YD005

LCD DIGITAL COLOR TELEVISION

SONY®

9-965-994-05

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SPECIFICATIONS

Power Requirements 120V-240V AC, 50/60Hz

Power Consumption (W)

In Use (Max) 120W (KDL-26S2000 Only)
150W (KDL-32S2000 Only)
200W (KDL-40S2000 Only)

In Standby Less than 0.1W

Video (IN) 1/2/3

S Video (4-Pin Mini DIN (VIDEO 1/2 Only)

Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative
C: 0.286 Vp-p (Burst signal), 75 ohms

Video

1.0 Vp-p, 75ohms unbalanced, sync negative

Audio

500 mVrms (100% modulation)
Impedance:47 kilohms

HD/DVD IN 4

YP_BP_R (Component Video)

Y:1.0 Vp-p, 75 ohms unbalanced, sync negative
P_B:0.7 Vp-p, 75 ohms
P_R:0.7 Vp-p, 75 ohms
Signal format: 480i, 480p, 720p, 1080i

AUDIO

500 mVrms (100% modulation)
Impedance: 47 kilohms

HDMI IN 6:

HDMI: Video:480i, 480p, 720p, 1080i
Audio: Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20 and 24 bits

AUDIO: 500 mVrms (100% modulation)
Impedance: 47 kilohms

AUDIO OUT:

500 mVrms (100% modulation)
More than 1 Vrms at the maximum volume setting (Variable)
More than 500 mVrms (Fixed)

PC IN 7:

D-sub 15-pin, analog RGB, 0.7 Vp-p, 75 ohms, positive

PC AUDIO INPUT:

Stereo mini jack, 0.5 Vrms, 1 kilohm

Headphones:

Stereo mini jack
Impedance: 16 ohms

Speaker:

Full range: 4.2 × 15 cm (1 11/16 × 6 inches) (2) (KDL-26S2000)
Full range: 4.2 × 15 cm (1 11/16 × 6 inches) (2) (KDL-32S2000)
Full range: 5.5 × 15 cm (2 1/4 × 6 inches) (2) (KDL-40S2000)

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Design and specifications are subject to change without notice.

	KDL-26S2000	KDL-32S2000	KDL-40S2000
Speaker Output (W)	10W + 10W		
Dimensions (W x H x D) with stand			
mm	658 x 516 x 219 mm	792 x 593 x 219 mm	988 x 716 x 334 mm
in	26 x 20 3/8 x 8 5/8 in	31 1/4 x 21 3/8 x 8 5/8 in	39 x 28 1/4 x 13 1/4 in
Dimensions (W x H x D) without stand			
mm	658 x 470 x 94 mm	792 x 546 x 99 mm	988 x 664 x 103 mm
in	26 x 18 5/8 x 3 3/4 in	31 1/4 x 21 1/2 x 4 in	39 x 26 1/4 x 4 1/8 in
Mass			
with stand			
kg	13 kg	17 kg	27 kg
lbs	28 lbs 10 oz	37 lbs 7 oz	59 lbs 8 oz
without stand			
kg	11 kg	15 kg	21 kg
lbs	24 lbs 4 oz	33 lbs	46 lbs 3 oz

Television system
American TV Standard

Channel coverage
VHF: 2-13/UHF: 14-69/ Cable TV: 1-125

Antenna
75-ohm external terminal for VHF/UHF

Panel System
LCD (Liquid Crystal Display) Panel

Display Resolution (horizontal x vertical):
1,366 dots x 768 lines

Screen Size (measured diagonally)
26 inches (KDL-26S2000 Only)
32 inches (KDL-32S2000 Only)
40 inches (KDL-40S2000 Only)

Supplied Accessories
Remote Commander RM-YD005
Two Size AA (R6) Batteries
75-ohm coaxial cable
AC Power Cord
HD15-HD15 Cable
Suport Belt, Securing Screw, and Wood Screw
Cable Holder
Operating Instructions
Quick Setup Guide
Warranty Card

Optional Accessories
Headphones Plug Adaptor
Connecting Cables
Wall-Mount Bracket
SU-WL31 (KDL-26S2000/32S2000 Only)
SU-WL51 (KDL-40S2000 Only)

WARNINGS AND CAUTIONS

CAUTION

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

WARNING!!

An isolation transformer should be used during any service to avoid possible shock hazard, because of live chassis. The chassis of this receiver is directly connected to the ac power line.

⚠ SAFETY-RELATED COMPONENT WARNING!!

Components identified by shading and ⚠ mark on the schematic diagrams, exploded views, and in the parts list are critical for safe operation. Replace these components with Sony parts whose part numbers appear as shown in this manual or in supplements published by Sony. Circuit adjustments that are critical for safe operation are identified in this manual. Follow these procedures whenever critical components are replaced or improper operation is suspected.

ATTENTION!!

Ces instructions de service sont à l'usage du personnel de service qualifié seulement. Pour prévenir le risque de choc électrique, ne pas faire l'entretien autre que celui contenu dans le Mode d'emploi à moins que vous soyez qualifié faire ainsi.

Afin d'eviter tout risque d'electrocution provenant d'un châssis sous tension, un transformateur d'isolement doit etre utilisé lors de tout dépannage. Le châssis de ce récepteur est directement raccordé à l'alimentation du secteur.

⚠ ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

Les composants identifies par une trame et par une marque ⚠ sur les schemas de principe, les vues explosees et les listes de pieces sont d'une importance critique pour la securite du fonctionnement. Ne les remplacer que par des composants Sony dont le numero de piece est indique dans le present manuel ou dans des supplements publies par Sony. Les reglages de circuit dont l'importance est critique pour la securite du fonctionnement sont identifies dans le present manuel. Suivre ces procedures lors de chaque remplacement de composants critiques, ou lorsqu'un mauvais fonctionnement suspecte.

SAFETY-RELATED COMPONENT WARNING

There are critical components used in LCD color TVs that are important for safety. These components are identified with shading and ⚠ mark on the schematic diagrams and the electrical parts list. It is essential that these critical parts be replaced only with the part number specified in the electrical parts list to prevent electric shock, fire, or other hazard.

NOTE: Do not modify the original design without obtaining written permission from the manufacturer or you will void the original parts and labor guarantee.

USE CAUTION WHEN HANDLING THE LCD PANEL

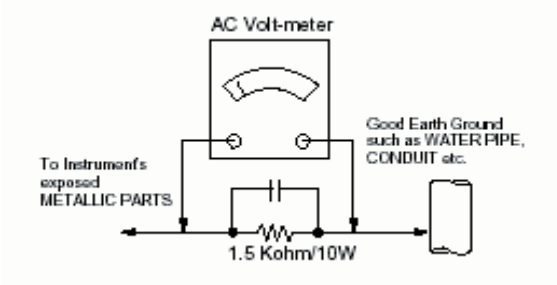
When repairing the LCD panel, be sure you are grounded by using a wrist band.

When installing the LCD panel on a wall, the LCD panel must be secured using the 4 mounting holes on the rear cover.

To avoid damaging the LCD panel:

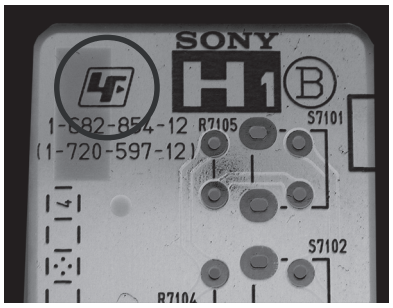
- → do not press on the panel or frame edge to avoid the risk of electric shock.
- → do not scratch or press on the panel with any sharp objects.
- → do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
- → do not expose the LCD panel to direct sunlight.
- → avoid contact with water. It may cause a short circuit within the module.
- → disconnect the AC adapter when replacing the backlight (CCFL) or inverter circuit. (High voltage occurs at the inverter circuit at 650Vrms.)
- → always clean the LCD panel with a soft cloth material.
- → use care when handling the wires or connectors of the inverter circuit. Damaging the wires may cause a short.
- → protect the panel from ESD to avoid damaging the electronic circuit (C-MOS).

LEAKAGE CURRENT HOT CHECK CIRCUIT



example 1

The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. H1 etc [see example]. The servicing of these boards requires special precautions to be taken as outlined below.



It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints.
Lead Free Solder is available under the following part numbers :

Part number	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade.
This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to *http://www.sony-training.com*

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.

2. Check the interboard wiring to ensure that no wires are “pinched” or touching high-wattage resistors.

3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.

4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.

5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.

6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.

7. Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

Leakage Test

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instructions.

2. A battery-operated AC milliampmeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson’s 250 and Sanwa SH-63TRD are examples of passive VOMs that are suitable. Nearly all battery-operated digital multimeters that have a 2 VAC range are suitable (see Figure A).

How to Find a Good Earth Ground

A cold-water pipe is a guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms.

If a cold-water pipe is not accessible, connect a 60- to 100-watt trouble- light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side on the line; the lamp should light at normal brilliance if the screw is at ground potential (see Figure B).

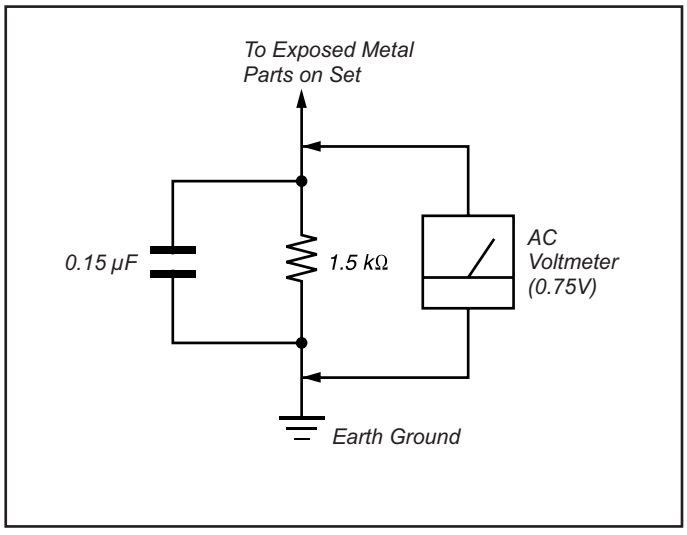


Figure A. Using an AC voltmeter to check AC leakage.

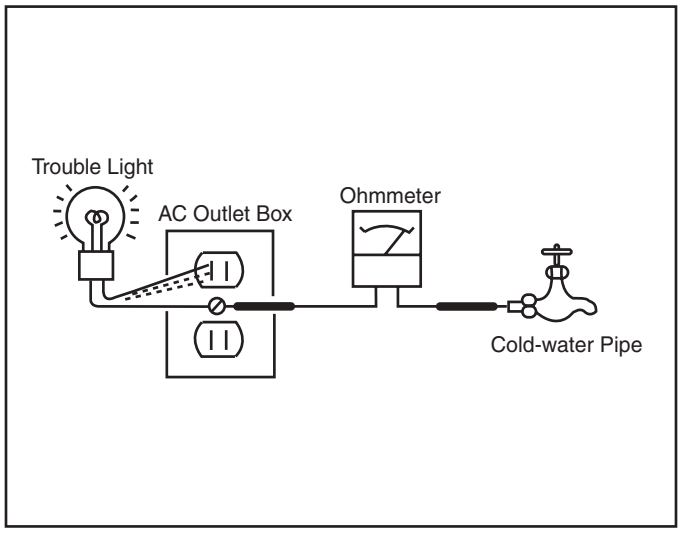
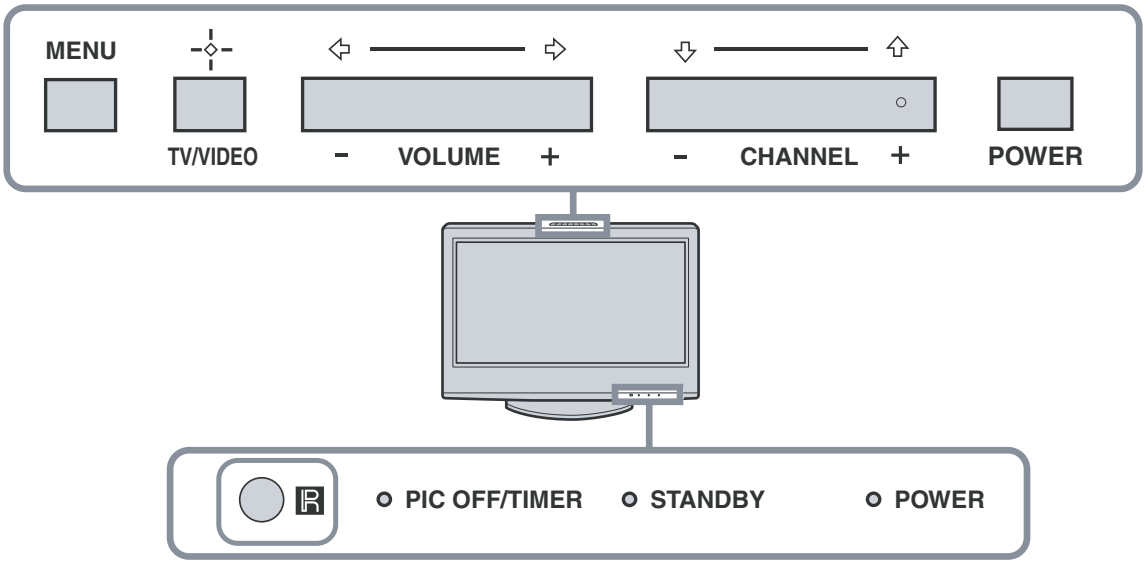


Figure B. Checking for earth ground.

SELF-DIAGNOSTIC FUNCTION

Self Diagnosis Supported model

Control Buttons



Description of LED Indictors

LED	LED Type	Description
POWER LED	Red/Green LED	* Light is green when the TV set is on * Functions as failure indicator * Blinks green in aging mode
TIMER LED	Red LED	Lights when timer is set
PIC OFF LED	Green LED	Lights when power saving setting is set to picture off (See Instruction Manual)

LED Control

STATUS	POWER LED	TIMER LED/ PICTURE OFF LED	STANDBY LED	REMARKS
Power Off	Off	Off	Off	Power off using the power switch or remote control. NOTE: Standby state does not exist in this model; however, the microcomputer does enter into sleep mode.
Power Off	Lights Green	Off	Off	Microcomputer working normally.
Failure	Blinks Red	Off	Off	Failure causes are classified by the number of time the red light blinks.
Aging	Blinks Green	Off	Off	Aging mode is classified by a blinking green light.
Picture Off	Lights Green	Lights Green	Off	No display (black screen).
SLEEP TIMER	Lights Green	Lights Orange	Off	When SLEEP TIMER is set during power on.
	Lights Green	Lights Green	Off	When SLEEP TIMER is set in Picture Off mode.
ON TIMER	Off	Lights Orange	Off	When ON TIMER is set and power is off.
	Lights Green	Lights Orange	Off	When ON TIMER is set and power is on.
	Lights Green	Lights Green	Off	When ON TIMER is set in Picture Off mode.
PC STANDBY	Off	Off	Lights Red	
PC STANDBY/ TIMER ON	Off	Lights Orange	Lights Red	

The units in this manual contain a self-diagnostic function. If an error occurs, the POWER LED will automatically begin to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the POWER LED flash indicators is listed in the instruction manual for the user's knowledge and reference. If an error symptom is difficult to reproduced use the Remote Commander to display the record that is stored at the internal NVM to specify the cause of the failure.

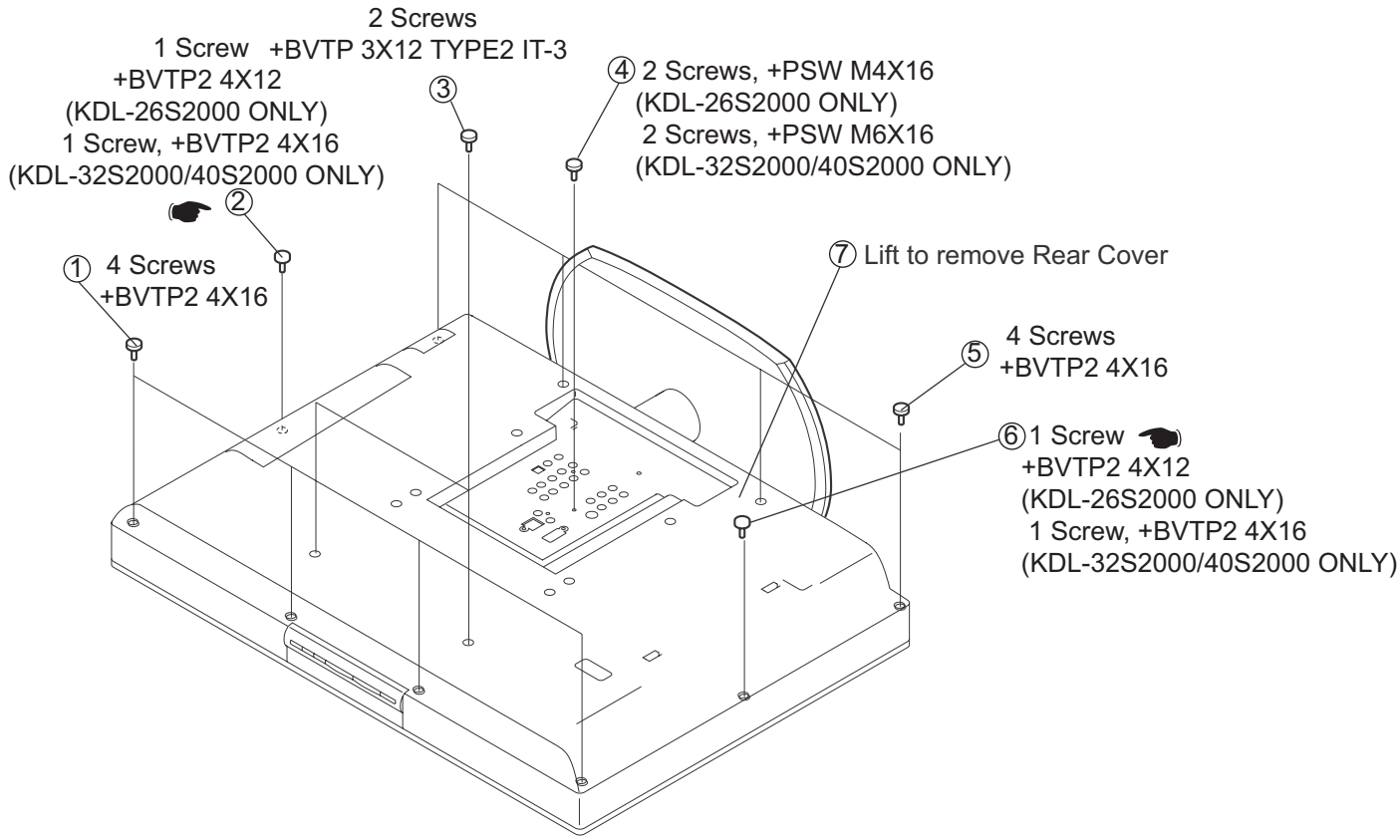
Diagnostic Test Indicators

When an error occurs, the POWER LED will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the LED will identify the first of the problem areas. If the errors occur simultaneously, the one that corresponds to the fewest flashes is identified first. Results for all of the following diagnostic items are displayed on screen. No error has occurred if the screen displays a "0".

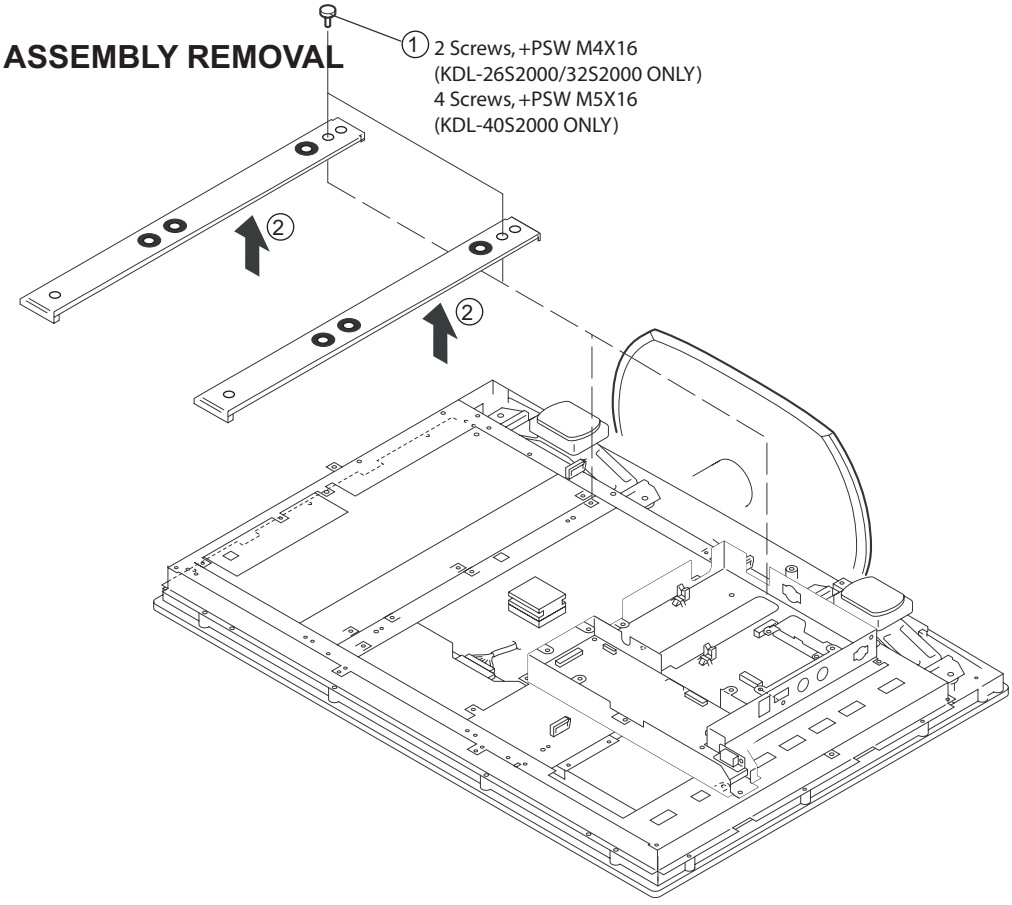
Number of Times POWER LED Blinks	Monitoring Item
1 Time	Abnormal AU Power Voltage (DCALERT 3)
2 Times	Abnormal D5V/A9V Power Voltage (DCALERT 2)
3 Times	Abnormal Panel Voltage (DCALERT 1)
4 Times	Backlight Failure
5 Times	Abnormal Main Power Voltage
6 Times	Abnormal Speaker Voltage
7 Times	Internal Temperature Rise (mainly on the panel side)
8 Times	IC5000

SECTION 1: DISASSEMBLY

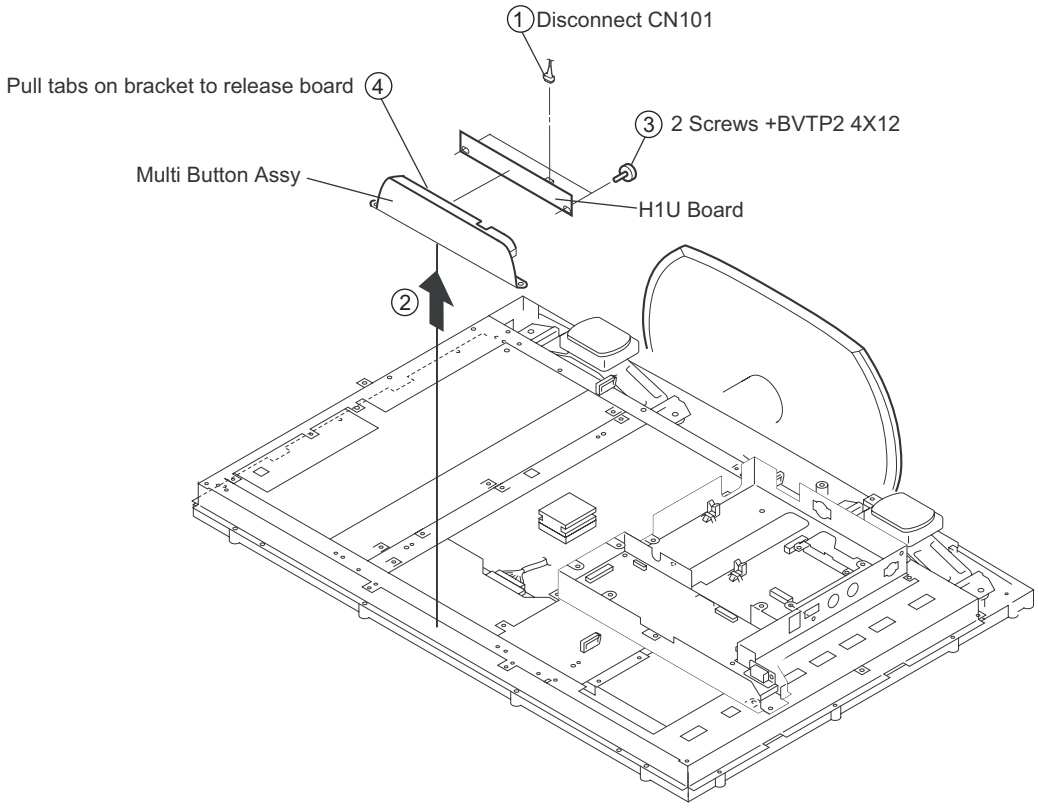
1-1. REAR COVER REMOVAL



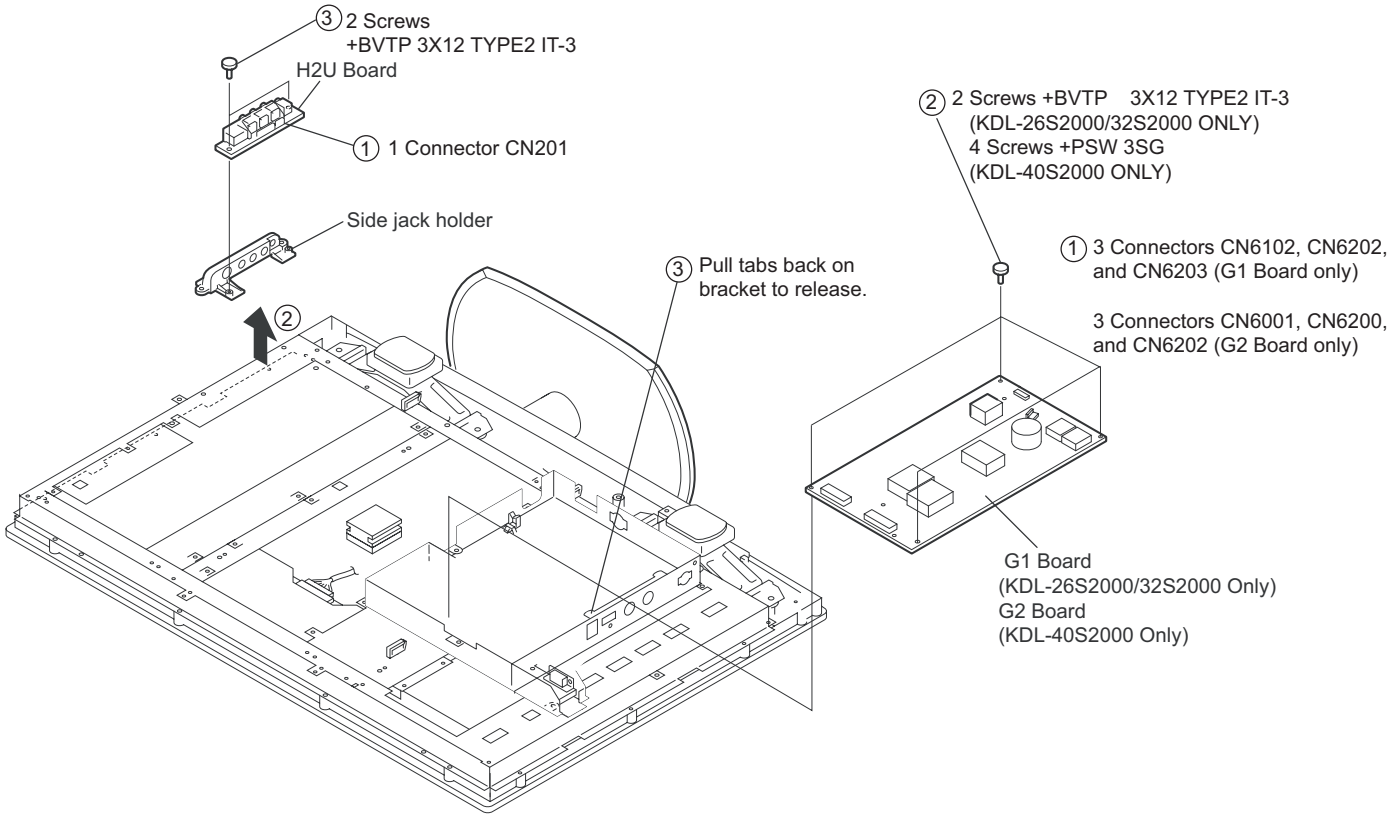
1-2. VESA BRACKET ASSEMBLY REMOVAL



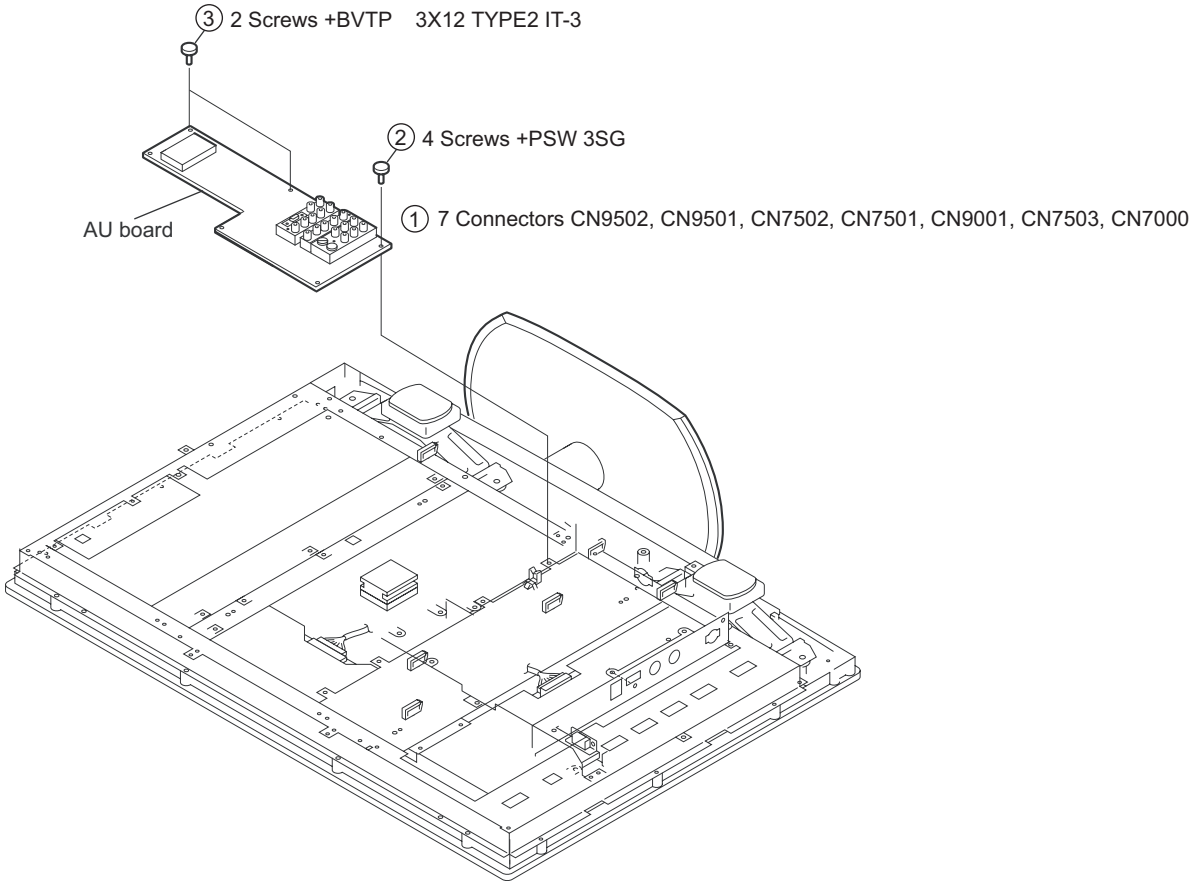
1-3. H1U BOARD REMOVAL



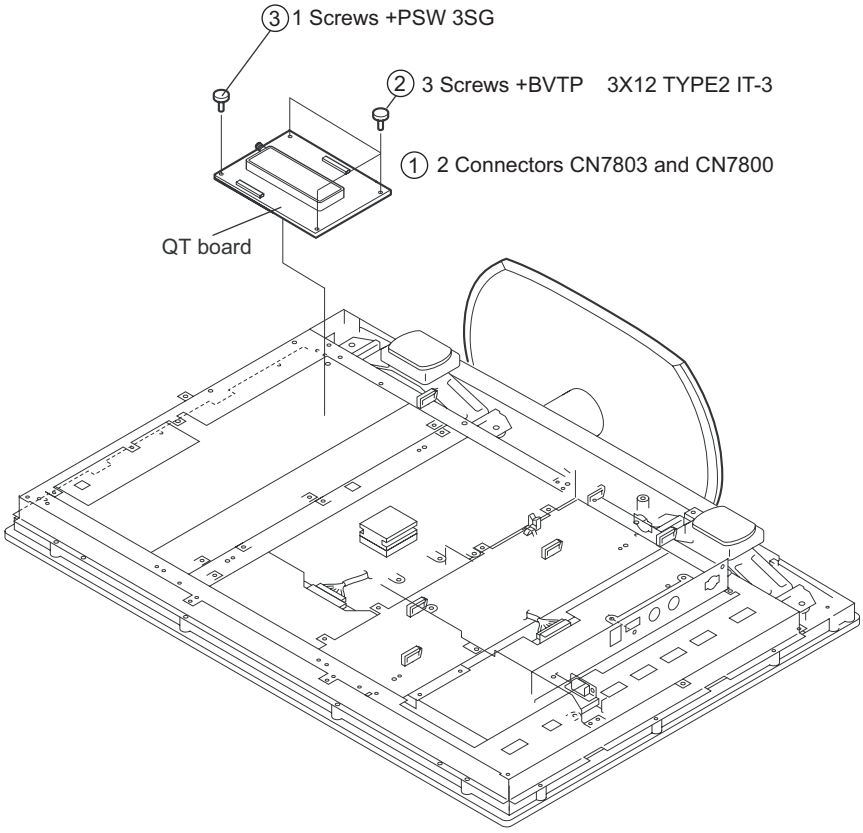
1-4. G1 BOARD (G2 BOARD) AND H2U BOARD REMOVAL



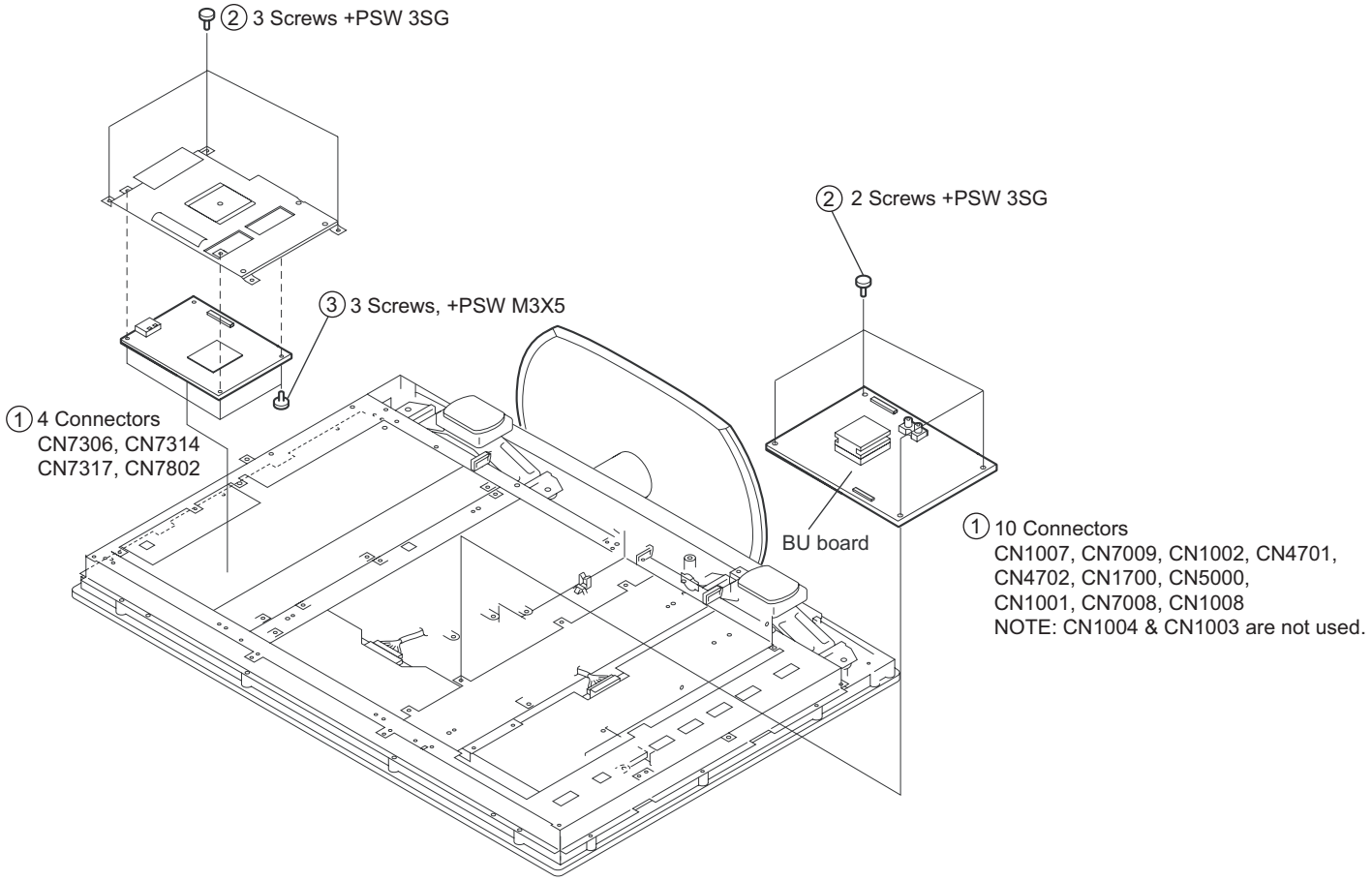
1-5. AU BOARD REMOVAL



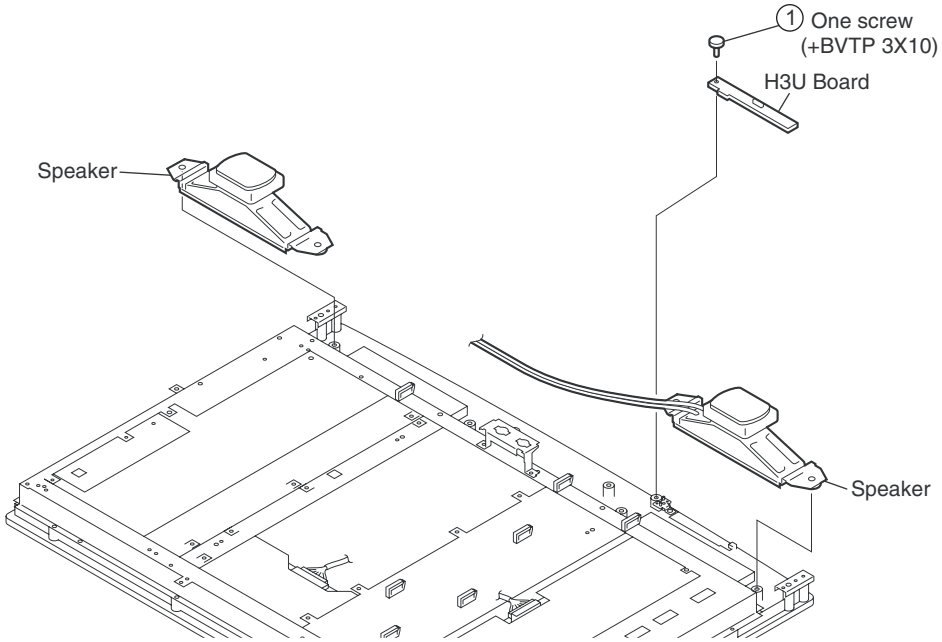
1-6. QT BOARD REMOVAL



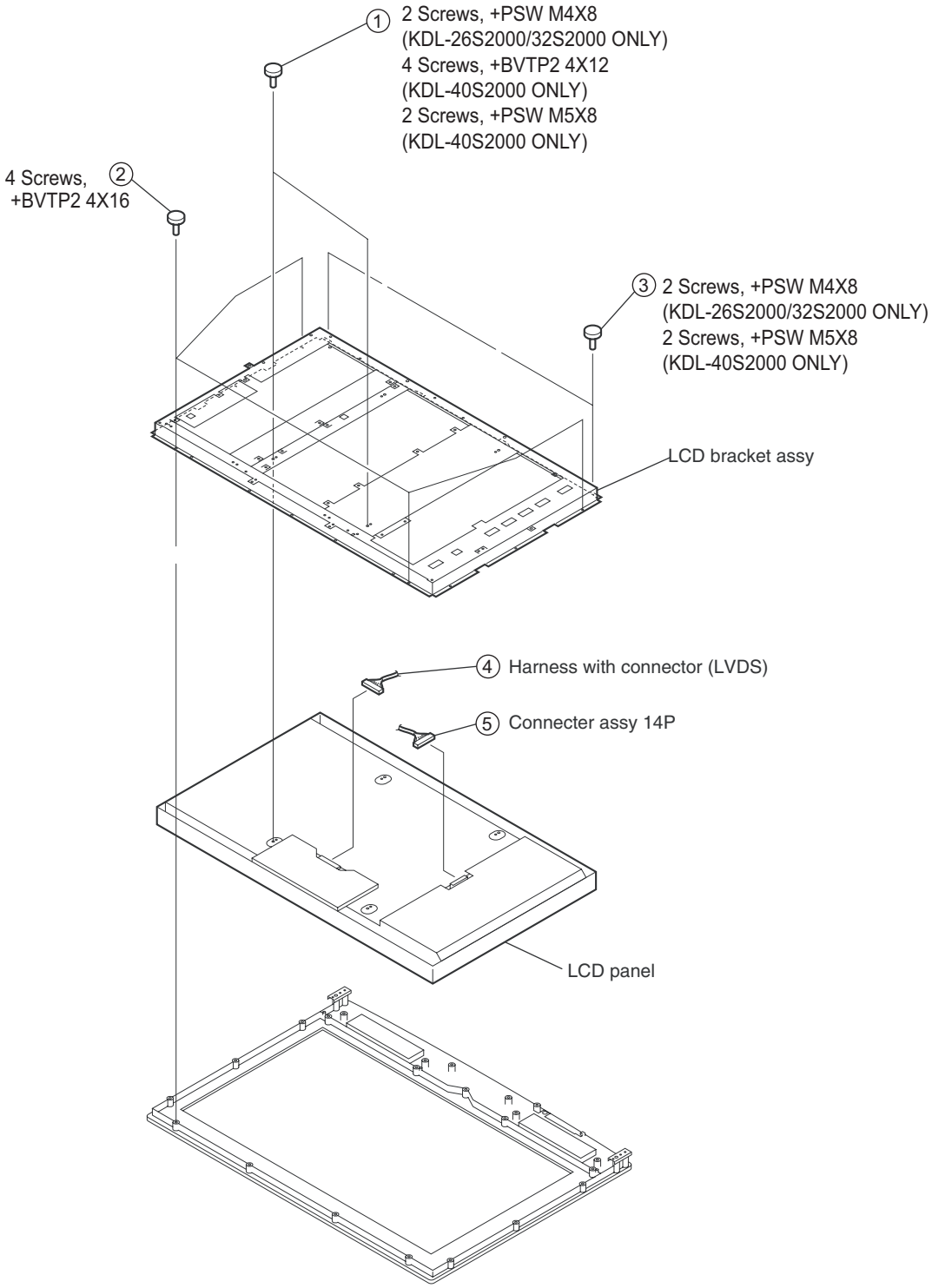
1-7. QS BOARD AND BU BOARD REMOVAL



1-8. H3U BOARD AND SPEAKER REMOVAL

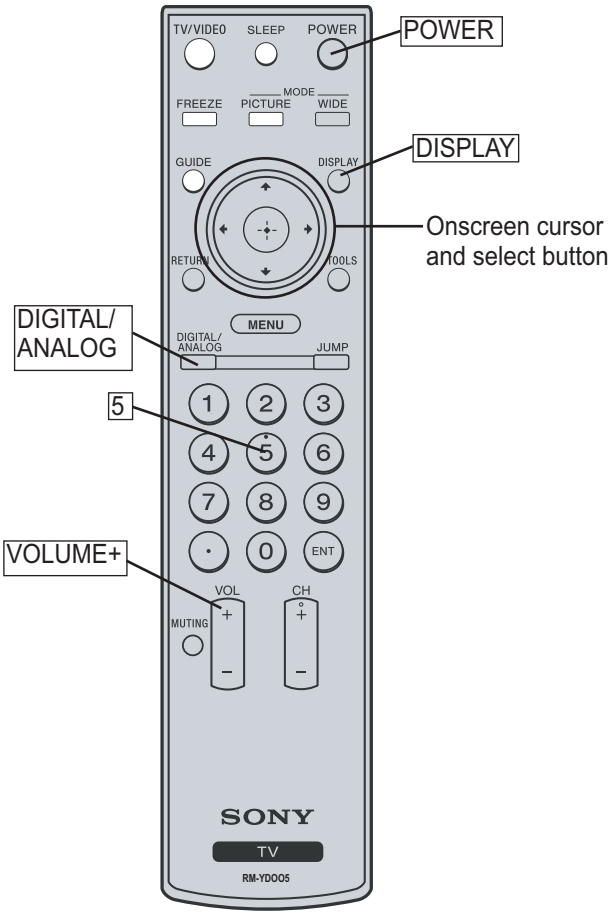


1-9. LCD PANEL REMOVAL



SECTION 2: SERVICE ADJUSTMENTS

2-1. REMOTE ADJUSTMENT BUTTONS AND INDICATORS



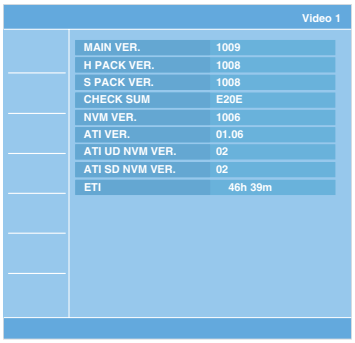
RM-YD005

2-2. ACCESSING SERVICE ADJUSTMENTS

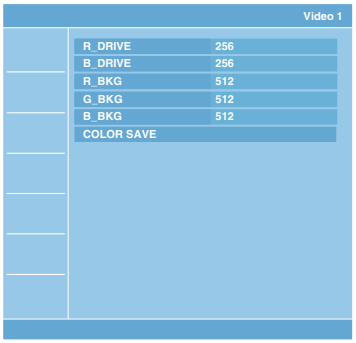
To adjust various set features, use the Remote Commander to put the set into service mode to display the service menus. The Remote Commander displays the service menu associated with the Digital or Analog format depending on which format is on the TV when you enter service mode.

2-2-1. ACCESSING THE DIGITAL SERVICE ADJUSTMENT MENUS

1. Turn the TV on and view a Digital channel.
2. Put the TV in standby mode. (Power off).
3. Press the following buttons on the Remote Commander within a second:
   DISPLAY → Channel 5 → Volume + → POWER On.
   The Digital service menu displays.



4. Use the ↓ button to view the next category listing the white balance adjustment items.

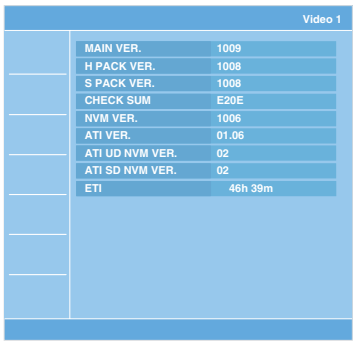


5. Use the ↓ or ↑ button to select the item you want to adjust.
   a. To increase the data value of the category, press the → button.
   b. To decrease the data value of the category, press the ← button.
6. To save the data value changes, press the ↓ button to select Color Save and then press the ⊕ button.
   a. To save the data value changes, select Save by pressing the ↓ button and then press the ⊕ button.
   b. To cancel the data value changes, select Cancel by pressing the ↑ button and then pressing the ⊕ button.

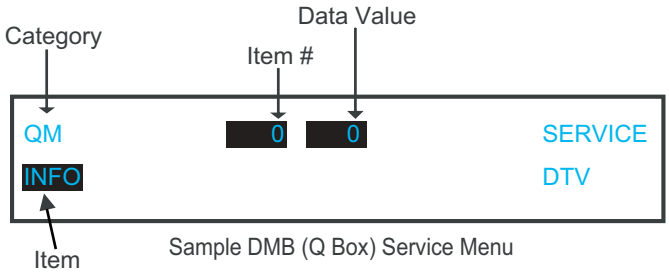
2-2-2. VIEWING THE DIGITAL MODULE BOX (Q-BOX) SERVICE ITEMS

Use the following instructions to display the Digital menu items you want to adjust.

1. Turn the TV on and view a Digital channel.
2. Put the TV in standby mode. (Power off).
3. Press the following buttons on the Remote Commander within a second:
   DISPLAY ➡ Channel 5 ➡ Volume + ➡ POWER On.
   The Digital service menu displays.



4. To display the Digital Module (Q Box) service adjustment menus, press JUMP .
   The QM category displays.

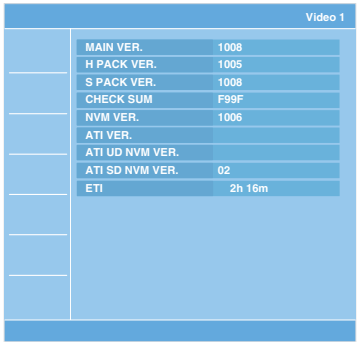


Sample DMB (Q Box) Service Menu

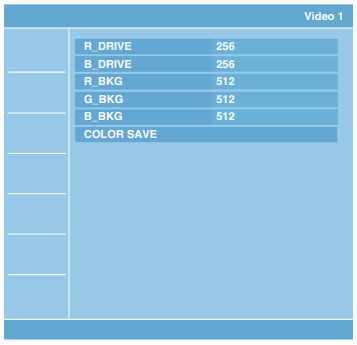
5. To change the **category**, press 2 or 5 on the Remote Commander.
   Note: Pressing 2 or 5 only changes the categories within the service menu displayed. To return to the Digital Service Menu, press the JUMP button.
6. To change the **adjustment item**, press 1 or 4 on the Remote Commander.
7. To change the **data value**, press 3 or 6 on the Remote Commander.
   Note: To go back to the last saved data value, press 0 then ENTER on the Remote Commander to read the memory.
8. To write into memory, press MUTING then ENT on the Remote Commander.
9. To exit service mode, turn the power off.

2-2-3. ACCESSING THE ANALOG SERVICE ADJUSTMENT MENUS

1. Turn the TV on and view an Analog channel.
2. Put the TV in standby mode. (Power off).
3. Press the following buttons on the Remote Commander within a second:
   DISPLAY ➡ Channel 5 ➡ Volume + ➡ POWER On.
   The Analog service menu displays.



4. Use the ↓ button to view the next category listing the white balance adjustment items.

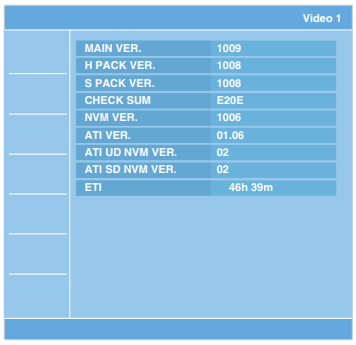


5. Use the ↓ or ↑ button to select the item you want to adjust.
   a. To increase the data value of the category, press the → button.
   b. To decrease the data value of the category, press the ← button.
6. To save the data value changes, press the ↓ button to select Color Save and then press the ⊕ button.
   a. To save the data value changes, select Save by pressing the ↓ button and then press the ⊕ button.
   b. To cancel the data value changes, select Cancel by pressing the ↑ button and then pressing the ⊕ button.

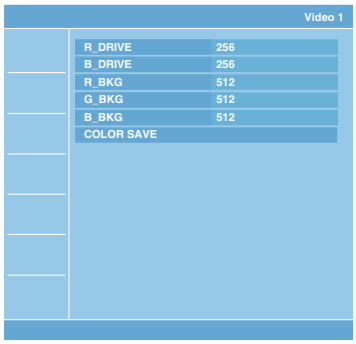
2-3. RESETTING THE USER MENU - FACTORY RESET

The TEST RESET option resets all the customer adjustable data back to the factory defaults.

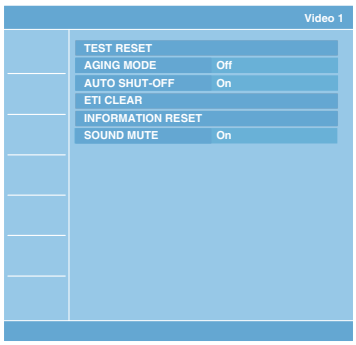
1. Put the TV in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second:
   DISPLAY ➡ Channel 5 ➡ Volume + ➡ POWER On.
   The service menu displays.



3. Use the ↓ button to view the next category listing the white balance adjustment items.



4. Continue pressing the ↓ button until the next category list displays.



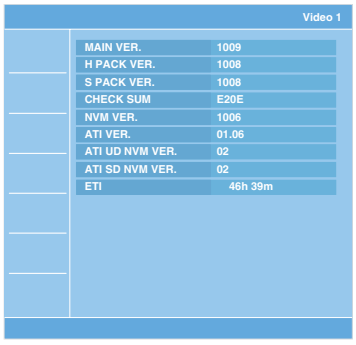
5. Press the ⊕ button to select TEST RESET options.
6. Press the ↓ button to select OK.
7. Press the ⊕ button to reset the TV.

2-4. AGING MODE

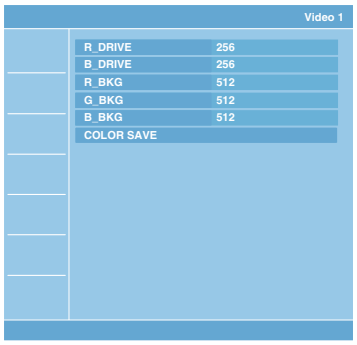
Aging mode is designed to remove image retention from the screen.

NOTE: Once you enter into Aging Mode the Remote Commander no longer functions with the set. To turn off the set, push the Power Button on the set.

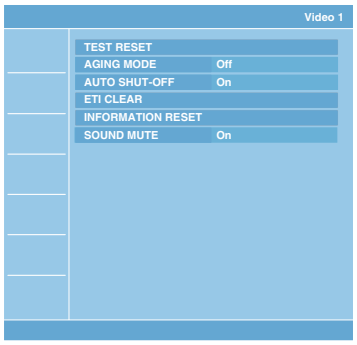
1. Put the TV in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second:
   DISPLAY ➡ Channel 5 ➡ Volume + ➡ POWER On.
   The service menu displays.



3. Use the ↓ button to view the next category listing the white balance adjustment items.



4. Continue pressing the ↓ button until the next category list displays.



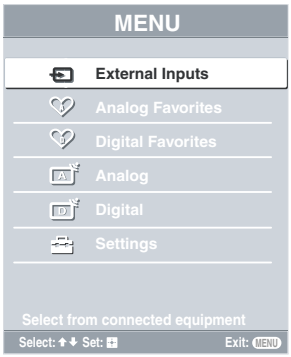
5. Press the ↓ button to select AGING MODE.
6. Press the ⊕ button to display the Aging Mode options.
7. Press the → button to select ON.
8. Press the ⊕ button to start the aging process.

2-5. WHITE BALANCE ADJUSTMENT.

The White Balance only needs to be adjusted when you replace the BU Board.

1. Through the Video 1 input, step Gray Scale with Setup.
2. Press MENU on the Remote Commander.

   The User Menu displays.

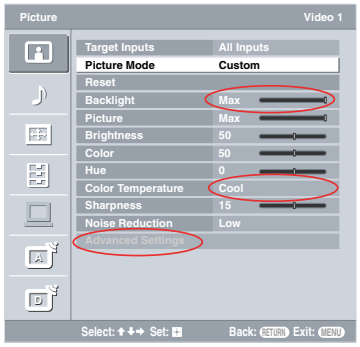


3. Press the ↓ button until Settings is selected, then press the ⊕ button.
4. From the Picture menu, press the → button to display the picture mode options.

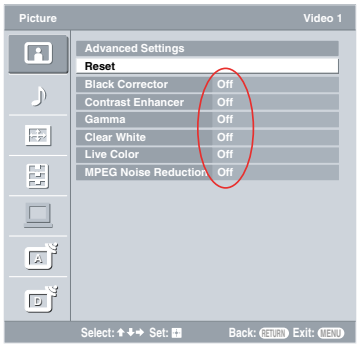
   a. Press the ↓ button to select Custom, then press the ⊕ button.
5. From the Picture menu, press the ↓ button to select Color Temperature.

   a. Press the → button to display the Color Temperature options.

   b. Press the ↓ button to select Cool, then press the ⊕ button.
6. From the Picture menu, press the ↓ button to select Advanced Settings.



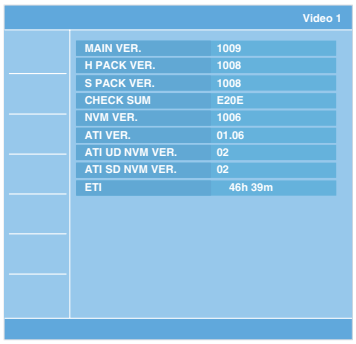
7. Using the arrow keys set all the registers in the Advanced Setting menu to Off.



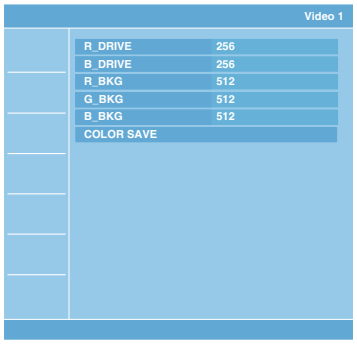
8. Put the TV in standby mode. (Power off).
9. Access the Service Menu by pressing the following buttons on the Remote Commander within a second:

   DISPLAY → Channel 5 → Volume + → POWER On.

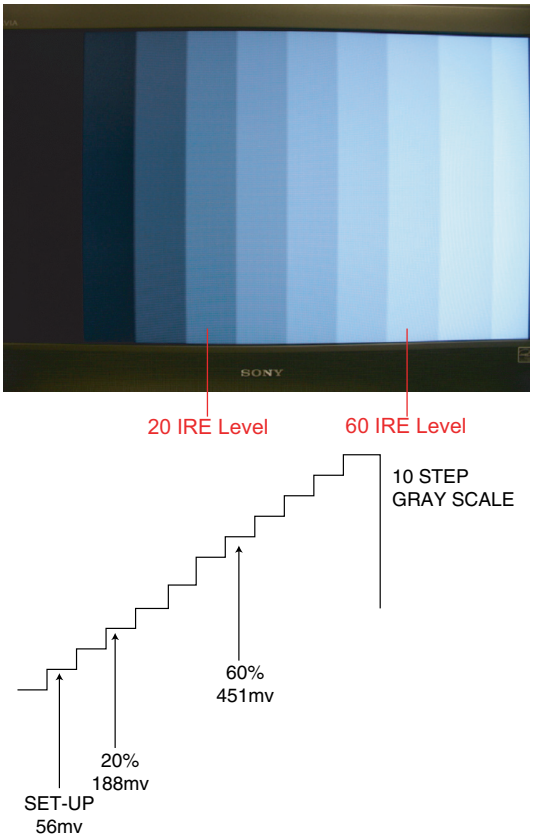
   The Digital service menu displays.



10. Press the ↓ button to display the white balance adjustment menu items.

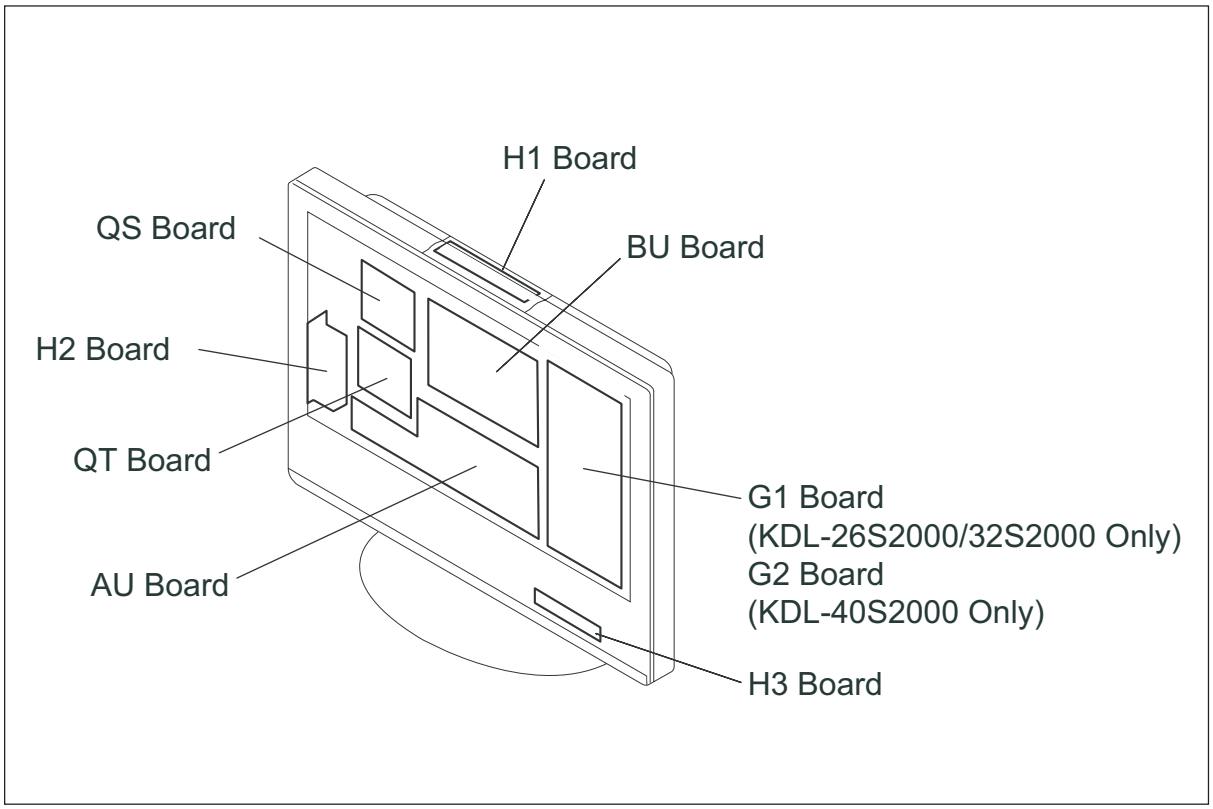


11. Using 10 step NTSC Gray Scale with Setup adjust the White Balance of the 60% shade with R_Drive and B_Drive.
12. Using the same pattern, adjust the white balance 20% with R_BKG and B_BKG.
13. 20IRE and 60IRE shades should have the same color.



SECTION 3: DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



3-2. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS INFORMATION

All capacitors are in µF unless otherwise noted. pF : µµF 50WV or less are not indicated except for electrolytics and tantalums.

All electrolytics are in 50V unless otherwise specified.

All resistors are in ohms. kΩ=1000Ω, MΩ=1000kΩ

Indication of resistance, which does not have one for rating electrical power, is as follows: Pitch : 5mm
Rating electrical power : $^1/_4$ W

$^1/_4$ W in resistance, $^1/_{10}$ W and $^1/_{16}$ W in chip resistance.

: nonflammable resistor

: fusible resistor

: internal component

: panel designation and adjustment for repair

: earth ground

: earth-chassis

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

Readings are taken with a color-bar signal input.

Readings are taken with a 10MΩ digital multimeter.

Voltages are DC with respect to ground unless otherwise noted.

Voltage variations may be noted due to normal production tolerances.

All voltages are in V.

S : Measurement impossibility.

: B+line.

: B-line. (Actual measured value may be different).

: signal path. (RF)

Circled numbers are waveform references.

The components identified by shading and ⚠ symbol are critical for safety. Replace only with part number specified.

The symbol indicates a fast operating fuse and is displayed on the component side of the board. Replace only with fuse of the same rating as marked.

Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

Le symbole indique une fusible a action rapide. Doit etre remplace par une fusible de meme yaleur, comme maque.

NOTE: The components identified by a red outline and a mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

REFERENCE INFORMATION

RESISTOR

: RN	METAL FILM
: RC	SOLID
: FPRD	NONFLAMMABLE CARBON
: FUSE	NONFLAMMABLE FUSIBLE
: RW	NONFLAMMABLE WIREWOUND
: RS	NONFLAMMABLE METAL OXIDE
: RB	NONFLAMMABLE CEMENT
: ※	ADJUSTMENT RESISTOR

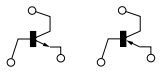
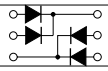
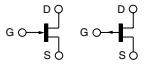
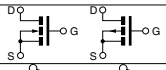
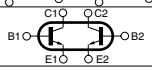
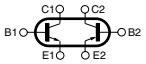
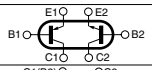
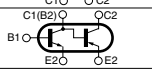
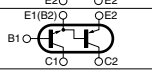
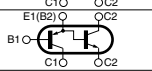
CAPACITOR

: TA	TANTALUM
: PS	STYROL
: PP	POLYPROPYLENE
: PT	MYLAR
: MPS	METALIZED POLYESTER
: MPP	METALIZED POLYPROPYLENE
: ALB	BIPOLAR
: ALT	HIGH TEMPERATURE
: ALR	HIGH RIPPLE

COIL

: LF-8L MICRO INDUCTOR

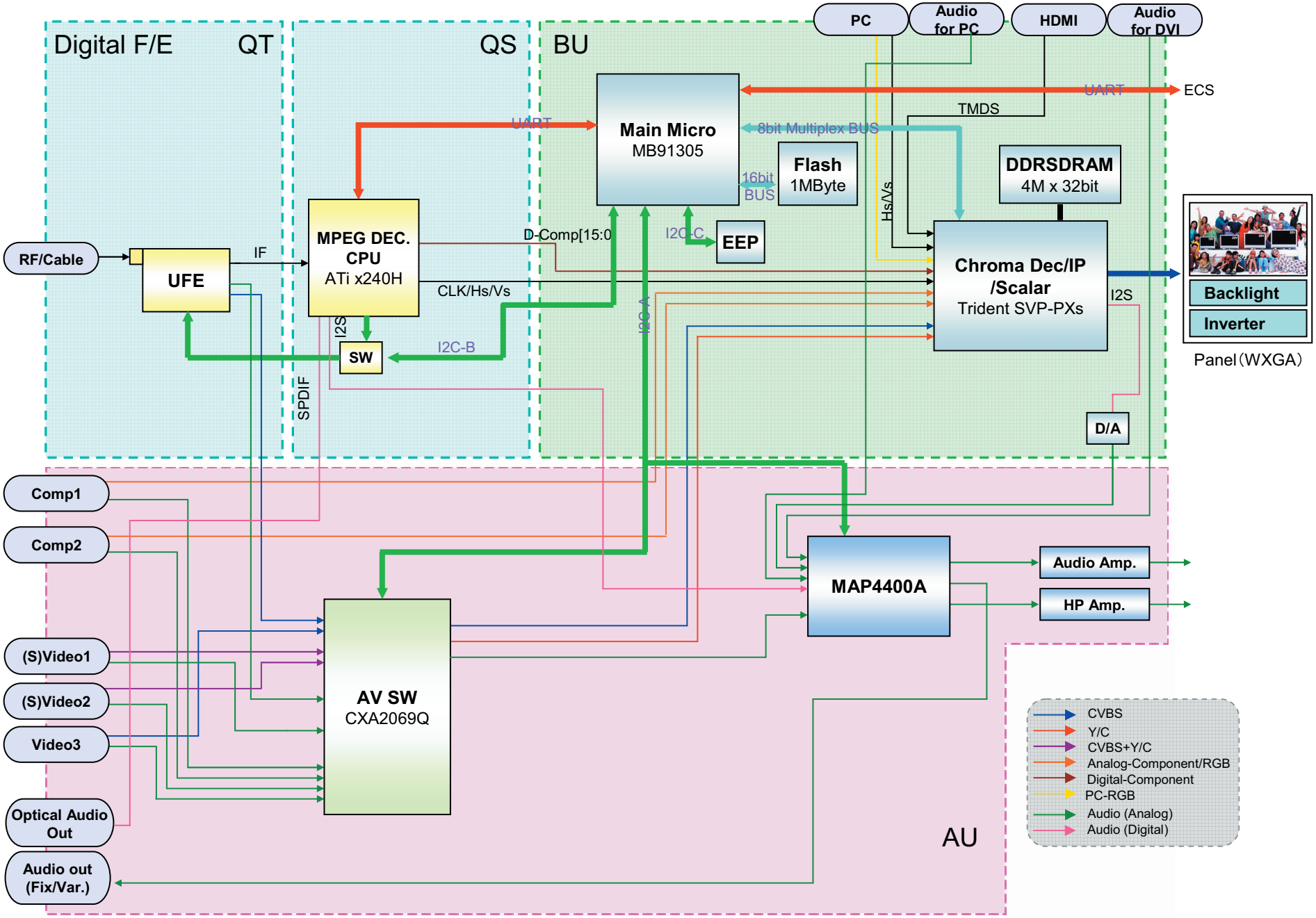
Terminal name of semiconductors in silk screen printed circuit (※)

	Device	Printed symbol	Terminal name	Circuit
1	Transistor		Collector Base Emitter	
2	Transistor		Collector Base Emitter	
3	Diode		Cathode Anode	
4	Diode		Cathode Anode (NC)	
5	Diode		Cathode Anode (NC)	
6	Diode		Common Anode Cathode	
7	Diode		Common Anode Cathode	
8	Diode		Common Anode Anode	
9	Diode		Common Anode Anode	
0	Diode		Common Cathode Cathode	
!¡	Diode		Common Cathode Cathode	
!™	Diode		Anode Cathode Anode Anode Cathode Anode	
!£	Transistor (FET)		Drain Source Gate	
!¢	Transistor (FET)		Drain Source Gate	
!?	Transistor (FET)		□ Source □ Drain □ Gate	
!§	Transistor		□ Emitter □ Collector □ Base	
!¶	Transistor		C2 B1 E1 E2 B2 C1	
!•	Transistor		C1 B2 E2 E1 B1 C2	
!ª	Transistor		C1 B2 E2 E1 B1 C2	
@º	Transistor		C1 B2 E2 E1 B1 C2	
@¡	Transistor		E2 B1 E1 C2 C1(B2)	
@™	Transistor		(B2) B1 E1 E2 C1 C2	
@£	Transistor		(B2) E2 E1 B1 C2 C1	
–	Discrete semiconductot			

(Chip semiconductors that are not actually used are included.)

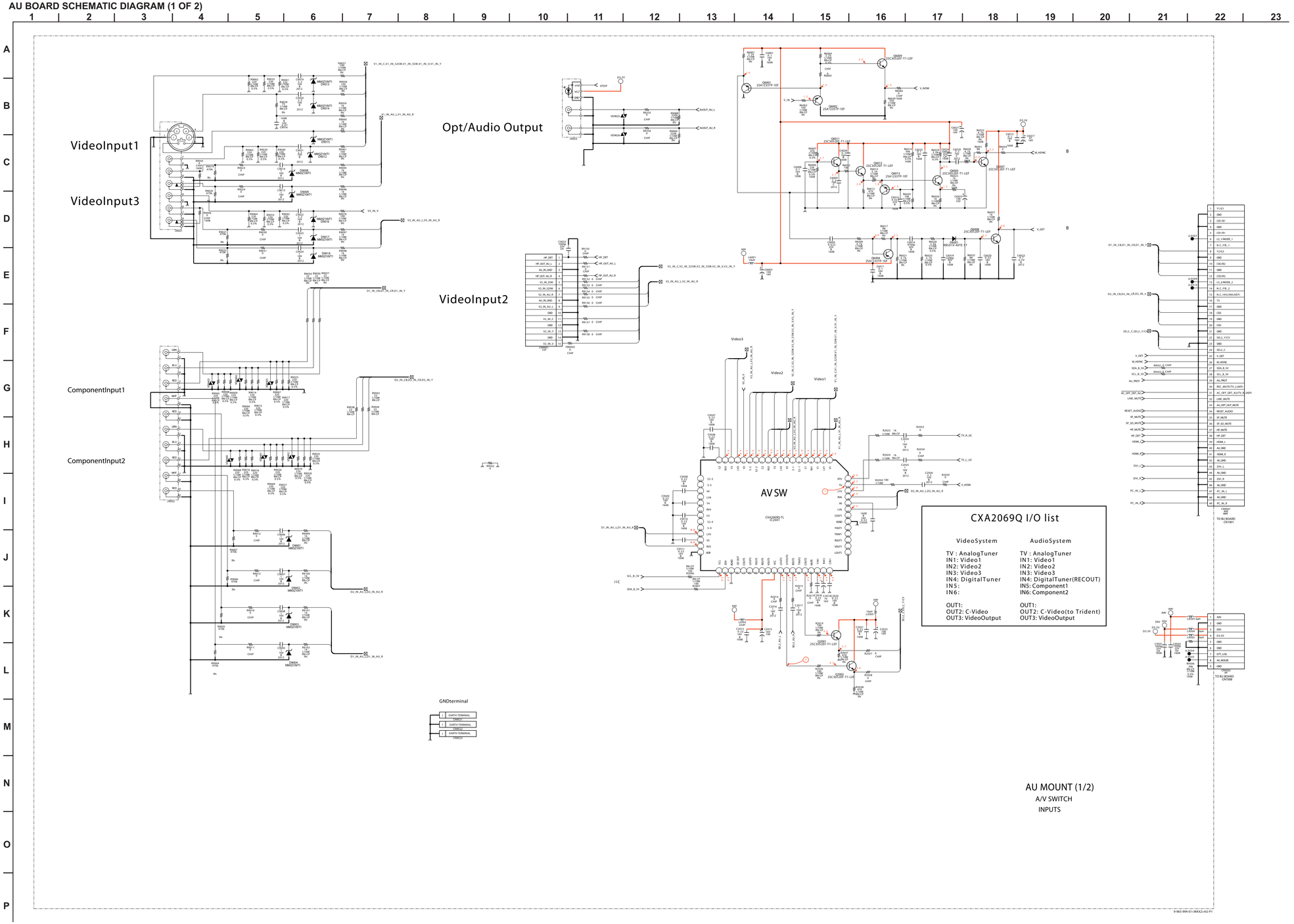
Ver.1.6

3-3. BLOCK DIAGRAM

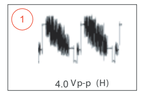


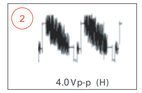
3-4. SCHEMATICS AND SUPPORTING INFORMATION

AU BOARD SCHEMATIC DIAGRAM (1 OF 2)

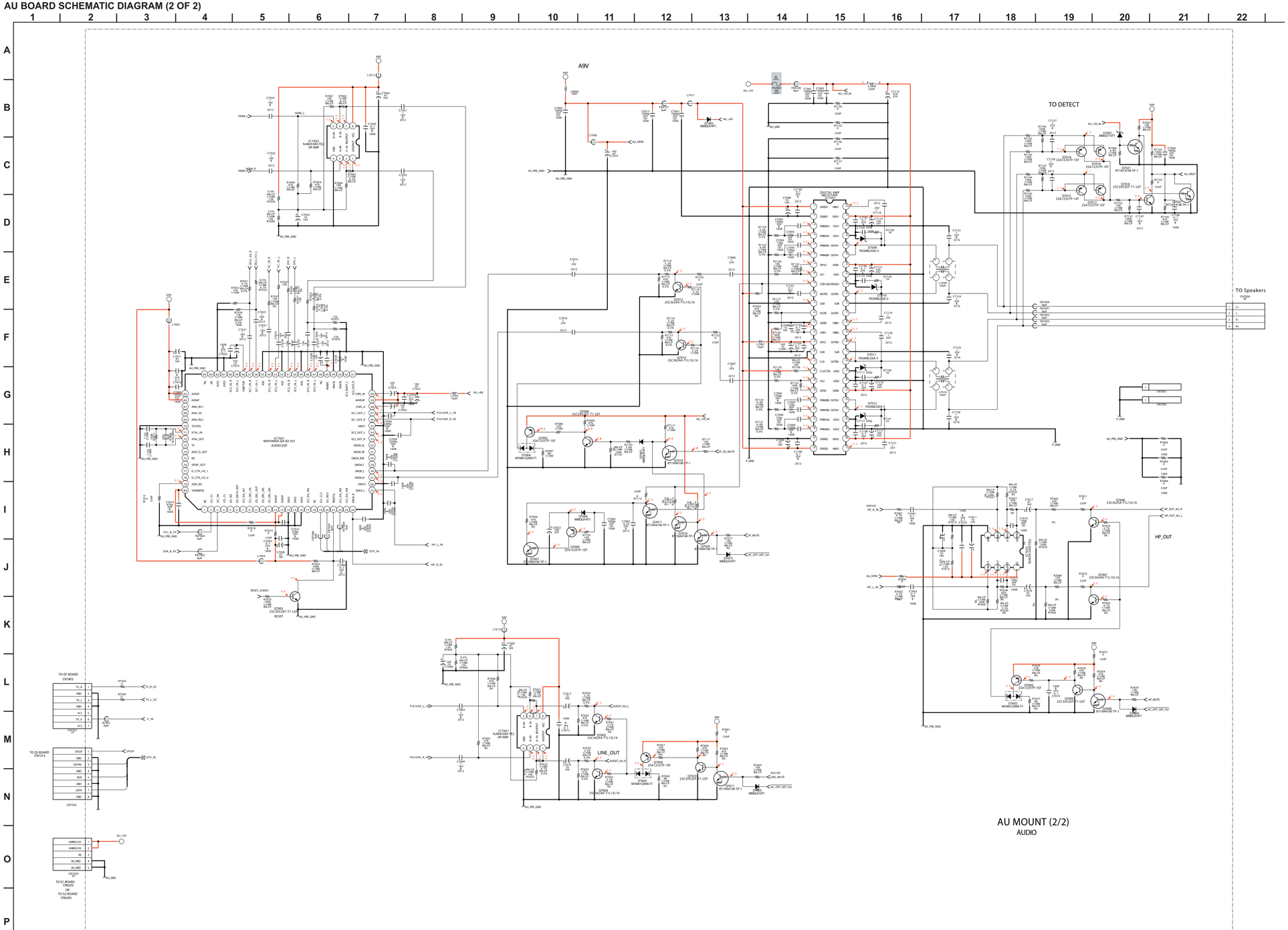


AU BOARD WAVEFORMS





AU BOARD SCHEMATIC DIAGRAM (2 OF 2)

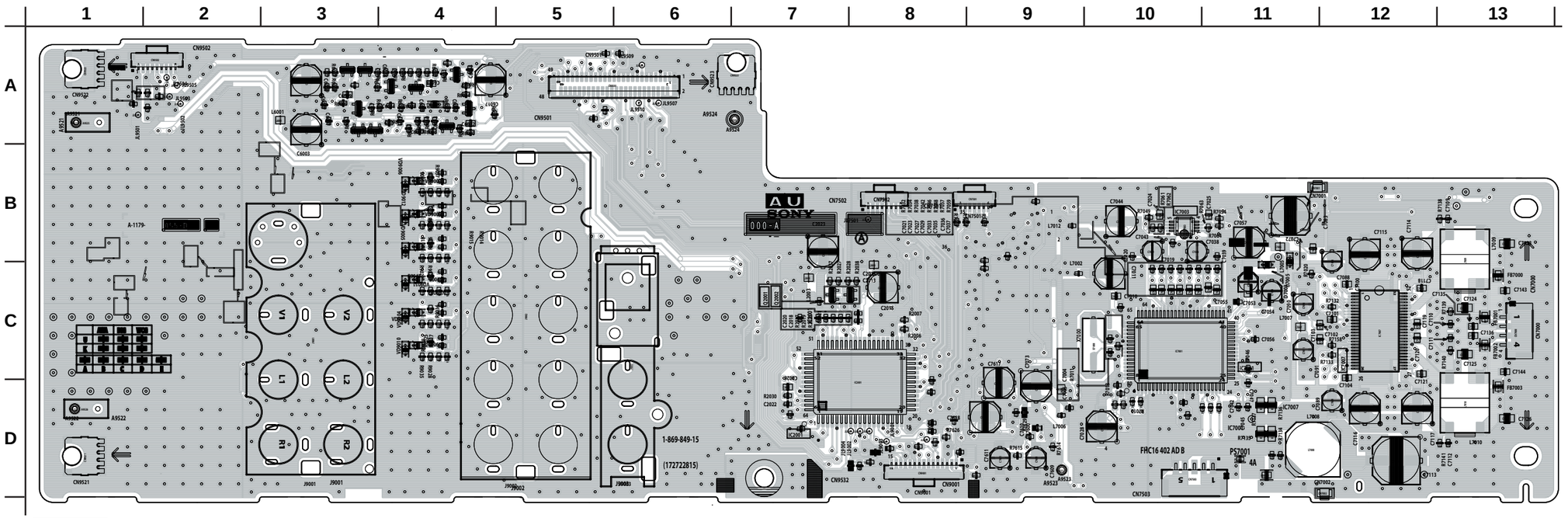


9-963-994-01 (WAX2) AU-P2

AU

[A/V SWITCH, INPUTS, AUDIO]

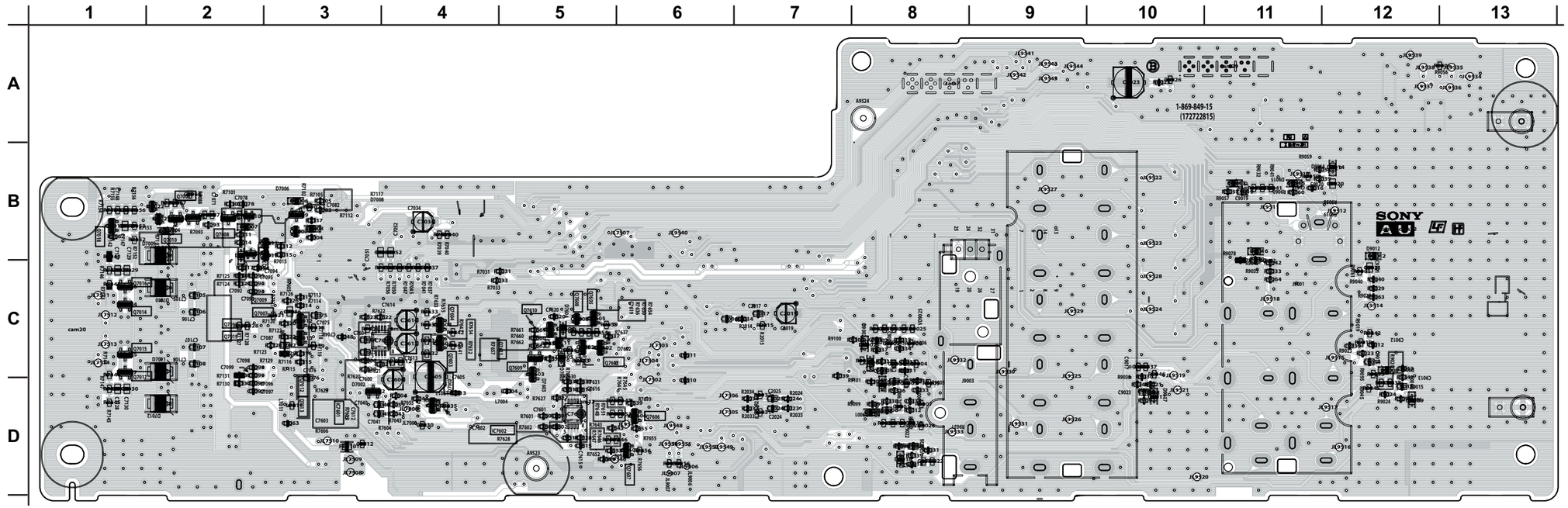
COMPONENT SIDE



AU

[A/V SWITCH, INPUTS, AUDIO]

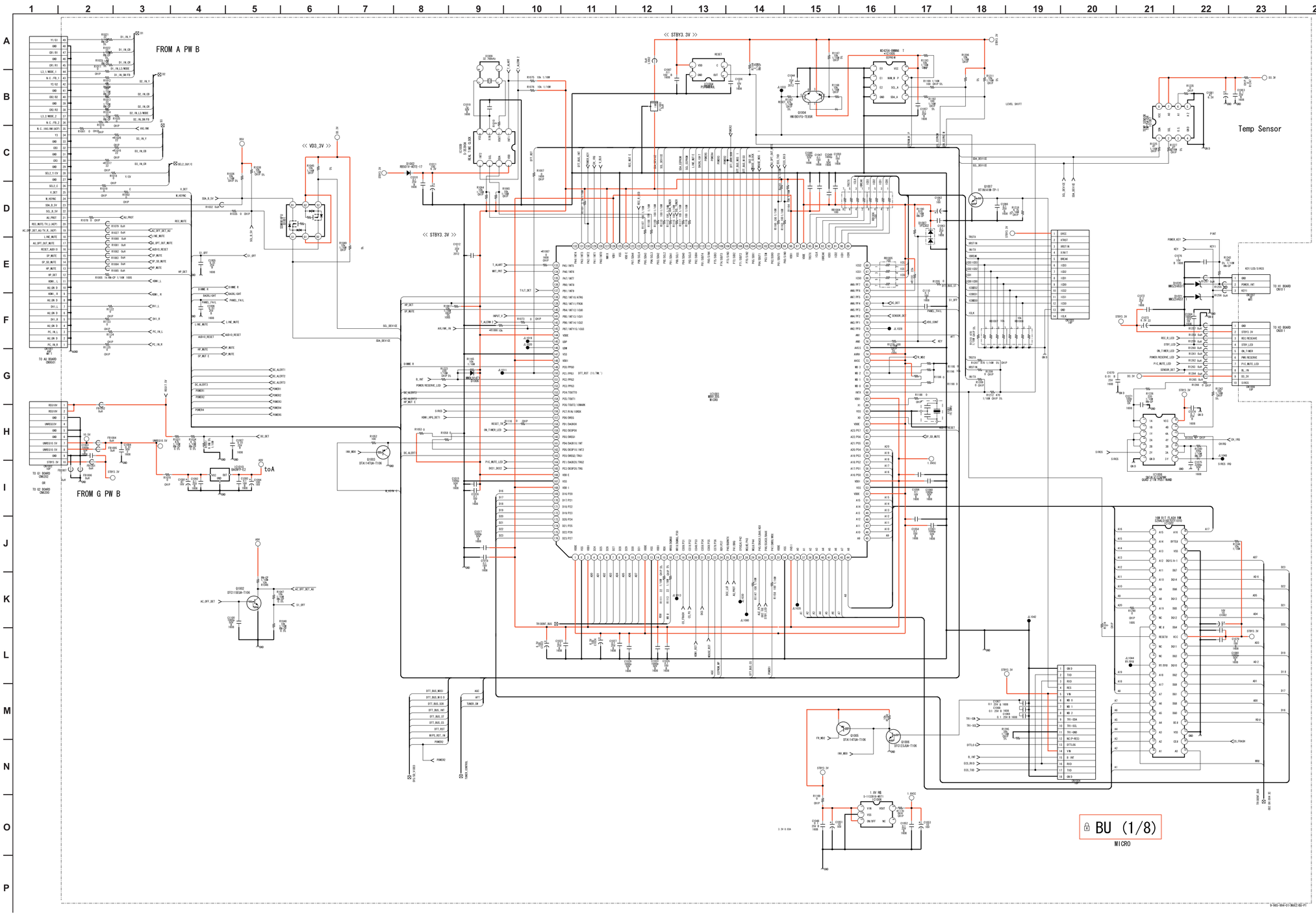
CONDUCTOR SIDE



AU BOARD LOCATOR LIST

DIODE		TRANSISTOR	
D7001	B-1	Q7002	D-4
D7004	B-2	Q7005	B-2
D7006	B-2	Q7007	B-2
D7007	B-2	Q7008	B-2
D7009	C-2	Q7009	B-2
D7010	C-2	Q7010	B-2
D7011	C-2	Q7011	B-2
D7012	D-2	Q7012	C-3
D7013	B-2	Q7013	C-3
D7602	C-5	Q7014	C-1
D7603	C-5	Q7015	C-1
D7604	C-5	Q7016	C-1
D7605	C-5	Q7017	C-1
D9009	D-12	Q7018	B-1
D9012	B-12	Q7019	B-2
D9013	B-11	Q7020	B-2
D9016	B-11	Q7021	B-2
D9017	C-10	Q7602	C-5
D9018	D-8	Q7603	C-4
IC		Q7604	C-4
IC7601	C-3	Q7605	C-5
IC7602	D-5	Q7606	D-6
		Q7607	D-6
		Q7608	C-5
		Q7609	C-5
		Q7610	C-5
		Q7611	C-5

BU BOARD SCHEMATIC DIAGRAM (1 OF 8)



BU BOARD SCHEMATIC DIAGRAM (2 OF 8)

Mount Mecha	A5000	409815701	IC5000

TO HDMI

TO AUDIO BLOCK

TO S1

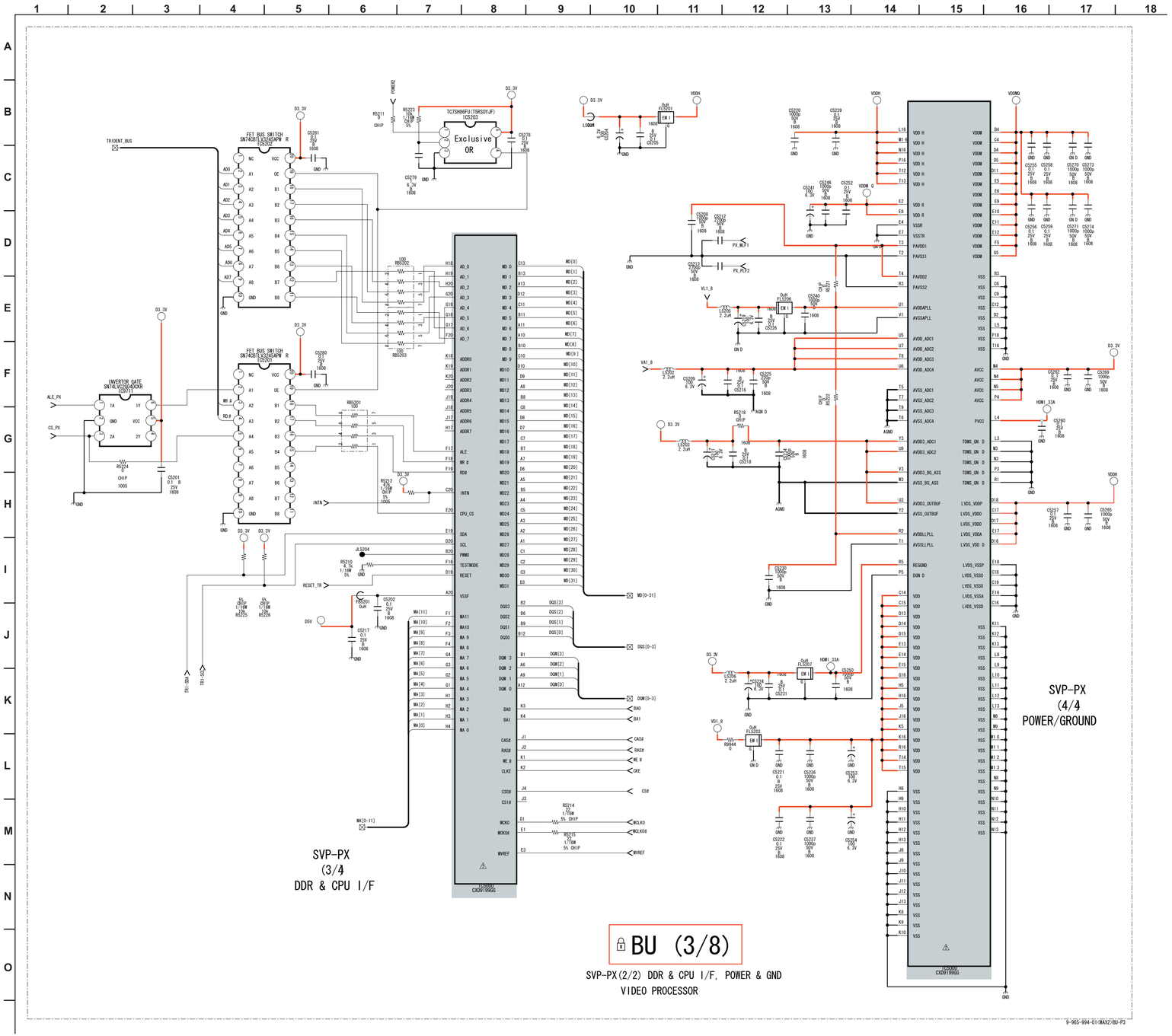
TO PANEL

BU (2/8)

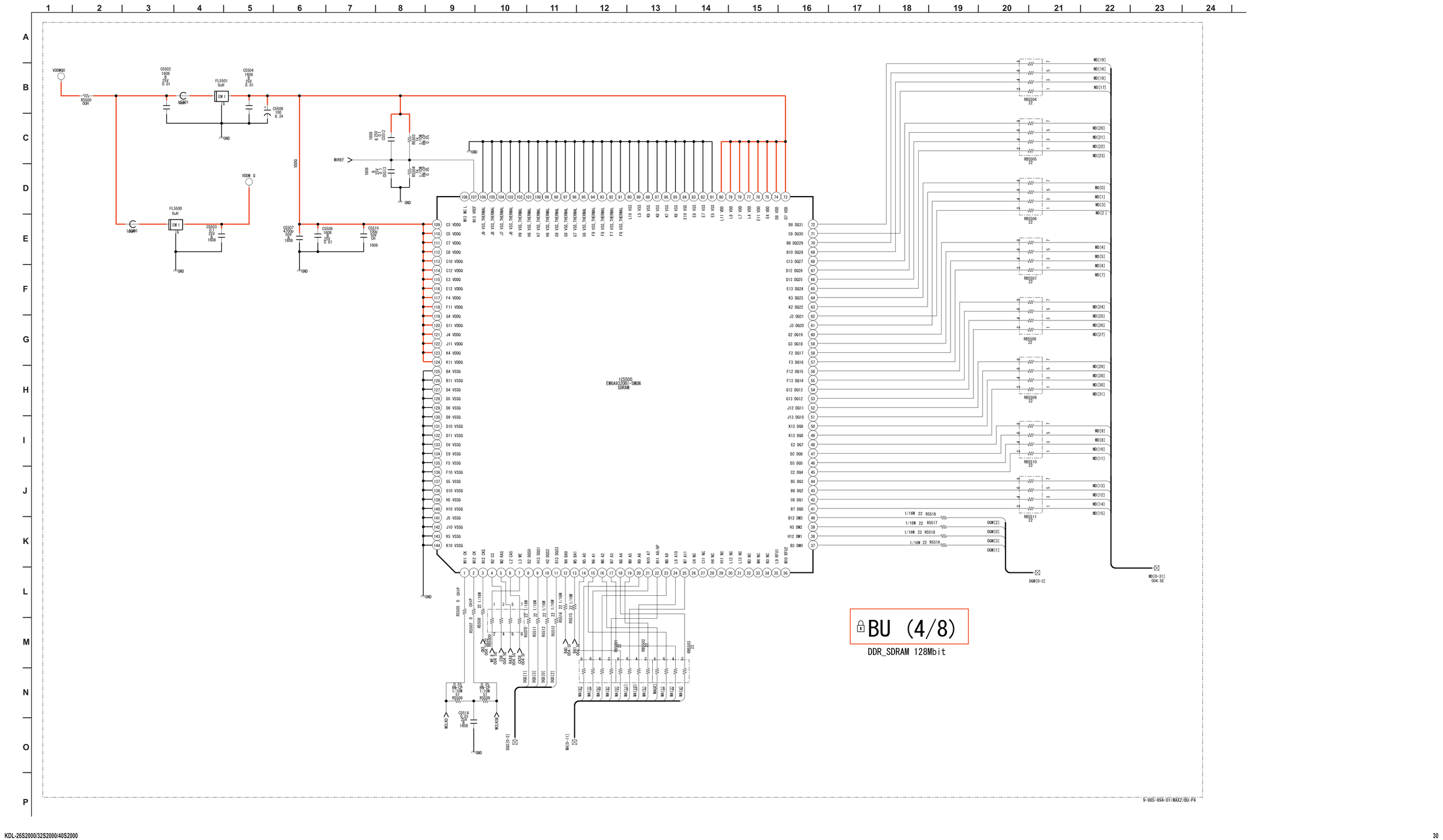
VIDEO PROCESSOR

9-965-994-01 (MAX2) BU-P 2

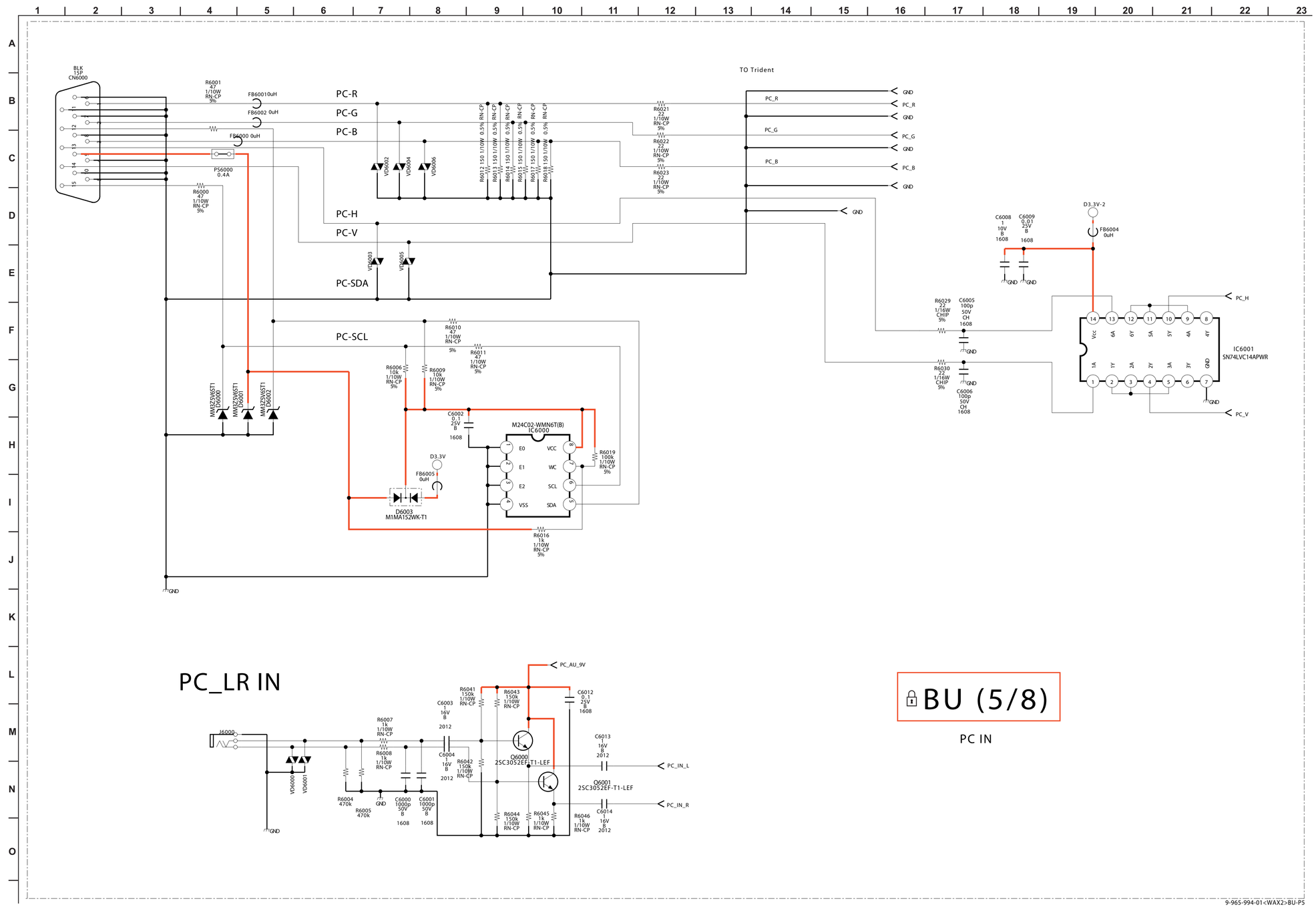
BU BOARD SCHEMATIC DIAGRAM (3 OF 8)



BU BOARD SCHEMATIC DIAGRAM (4 OF 8)



BU BOARD SCHEMATIC DIAGRAM (5 OF 8)

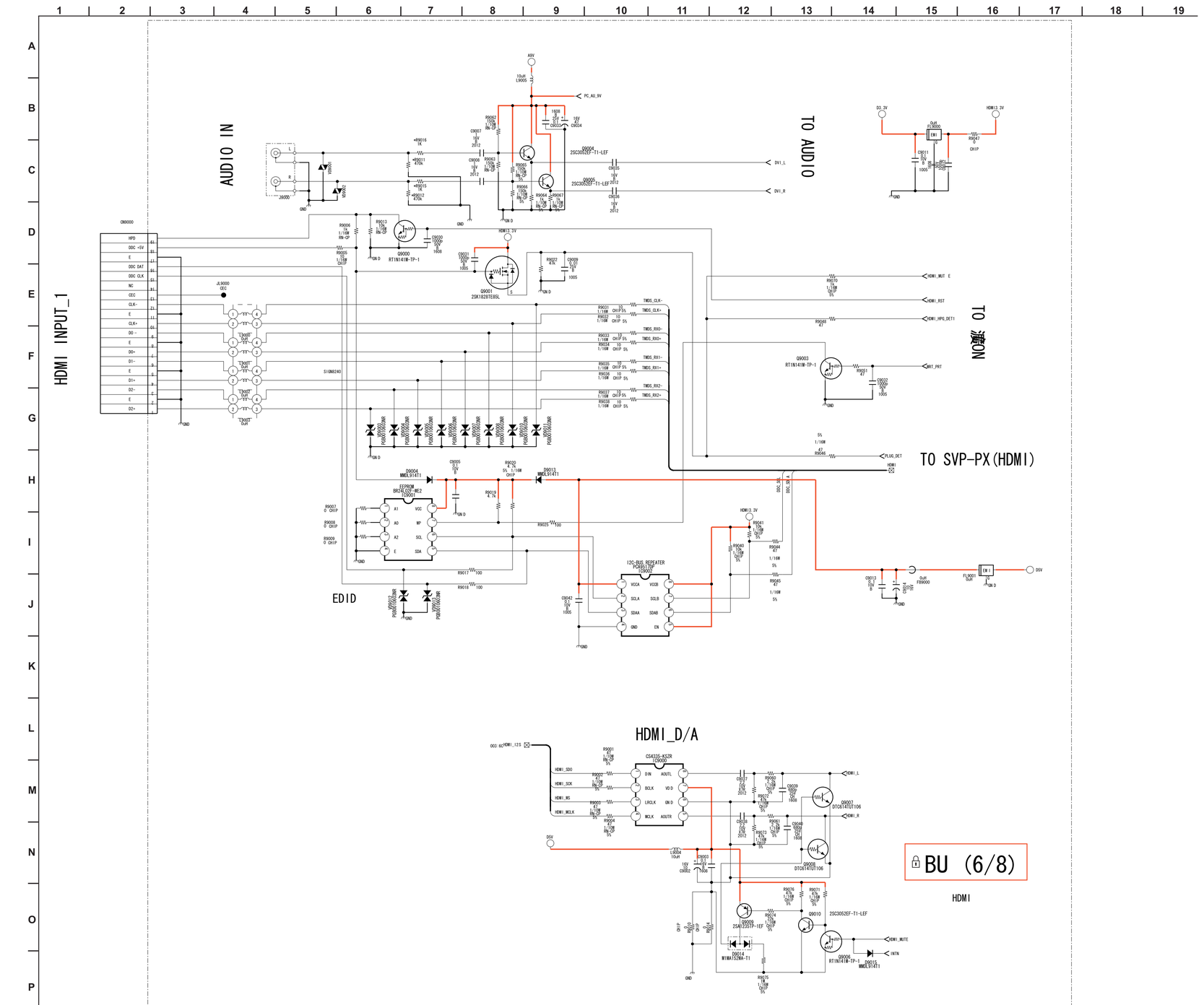


BU (5/8)

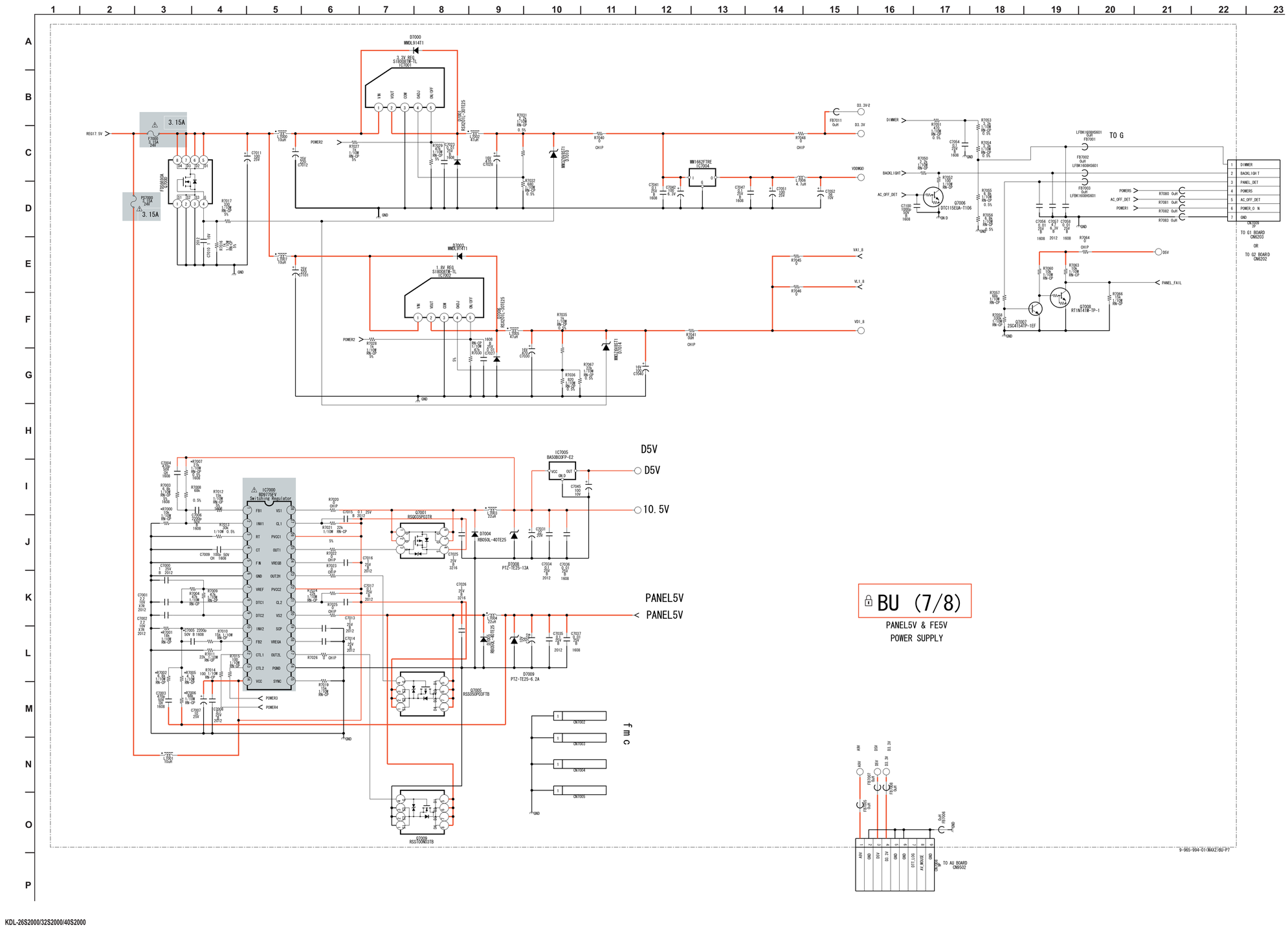
PC IN

9-965-994-01<WAX2>BU-P5

BU BOARD SCHEMATIC DIAGRAM (6 OF 8)



BU BOARD SCHEMATIC DIAGRAM (7 OF 8)


REG17.5V
3.15A
F7000
3.15A
24V
F7002
3.15A
24V
D7000
MMDL914T1
3.3V REG
S1800BTM-TL
IC7001
D3.3V2
D3.3V
FB7011
0uH
VDDMOD
R7031
1.70W
RN-CP
0.5%
R7040
CHIP
0
POWER2
R7027
1.70W
RN-CP
5%
R7029
470
1.70W
RN-CP
5%
R7037
0.47
2W
RK
5%
1608
1608
1608

BU BOARD SCHEMATIC DIAGRAM (8 OF 8)

TUNER_CONTROL

TO F/E POWER(J&U/C)

FROM F/E HD VIDEO(DIGITAL)

INPUT TO Trident

DC_ALERT

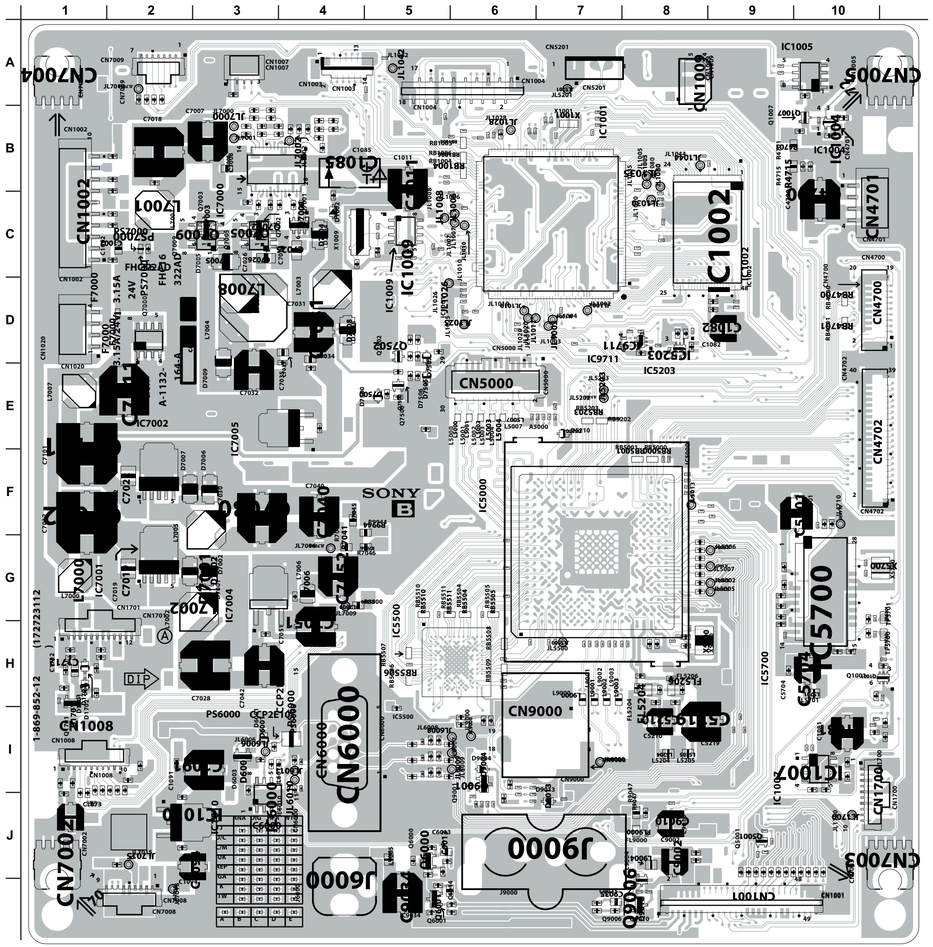
BU (8/8)

9-965-994-01 (MAX2:BU-P8)

BU

[MICRO, VIDEO PROCESSOR, SVP-PX(2/2) DDR & CPU I/F, POWER & GND VIDEO PROCESSOR, DPR_SDRAM 128MBIT, PEIN, HDMI, PANEL5V & FE5V, POWER SUPPLY]

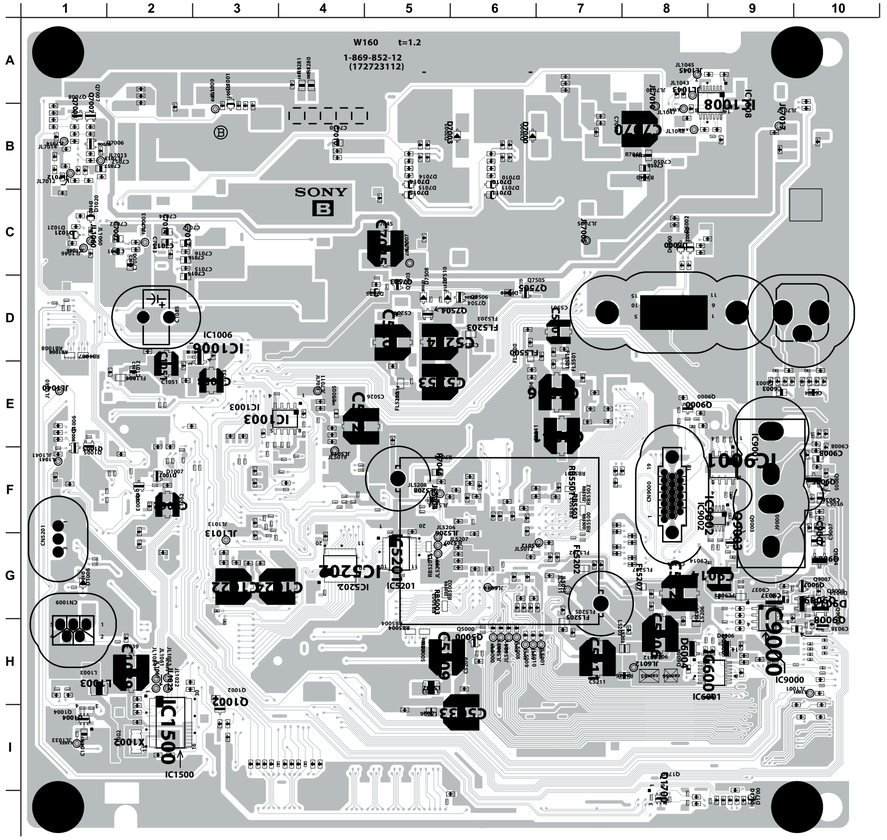
COMPONENT SIDE



BU

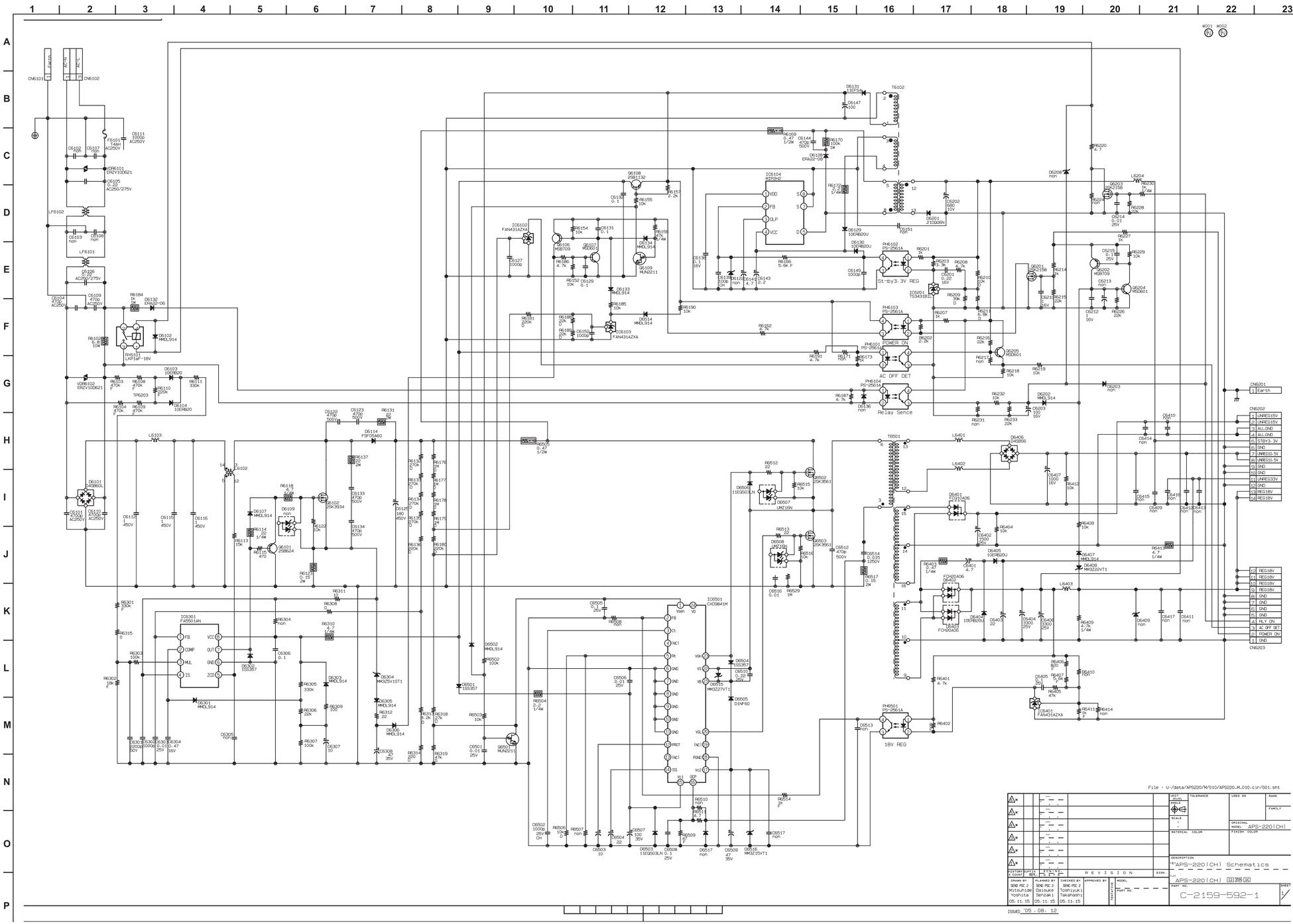
[MICRO, VIDEO PROCESSOR, SVP-PX(2/2) DDR & CPU I/F, POWER & GND VIDEO PROCESSOR, DPR_SDRAM 128MBIT, PEIN, HDMI, PANEL5V & FE5V, POWER SUPPLY]

CONDUCTOR SIDE



G1 BOARD, POWER UNIT (KDL-26S2000/32S2000 ONLY)

This board is manufactured by a 3rd party. Repair information is not available.



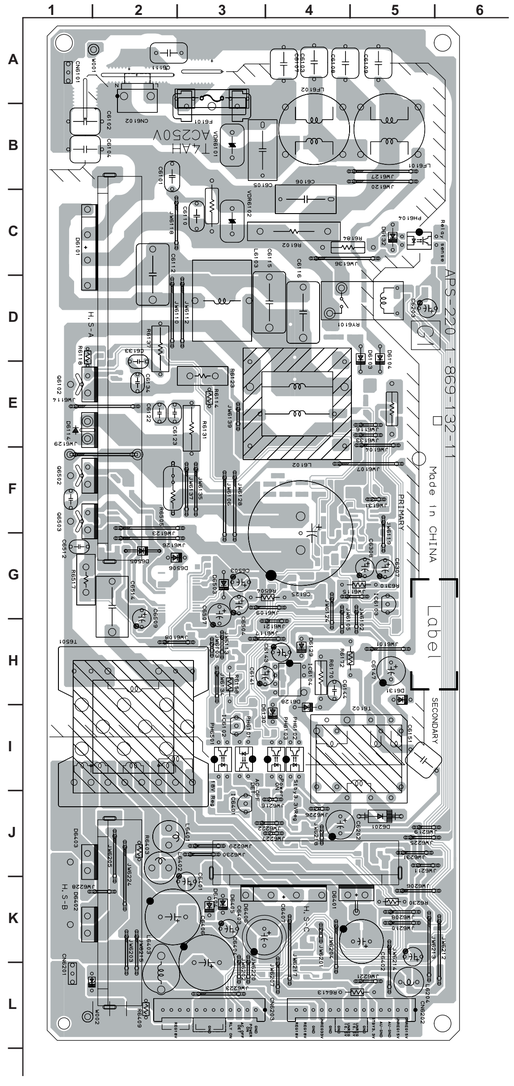
File : U:/data/APS220/M/010/APS220_M_010.cir/001.sht

						UNIT	TOLERANCE	USED ON	RANK
						mm/inch			FAMILY
						SCALE		ORIGINAL MODEL	APS-220(CH)
						MATERIAL COLOR		FINISH COLOR	
						DESCRIPTION			
						(6)APS-220(CH) Schematics			
HISTORY SHEET	SUFFIX NO.	REVISION			SIGN.	(2) APS-220(CH)			
DRAWN BY	PLANNED BY	CHECKED BY	APPROVED BY	MODEL		PART NO.			SHEET
SEND PSC 2 Mitsuhide Yoshida 05.11.15	SEND PSC 2 Daisuke Senzaki 05.11.15	SEND PSC 2 Toshiyuki Takahashi 05.11.15				C-2159-592-1			1/1

ISSUED '05.08.12

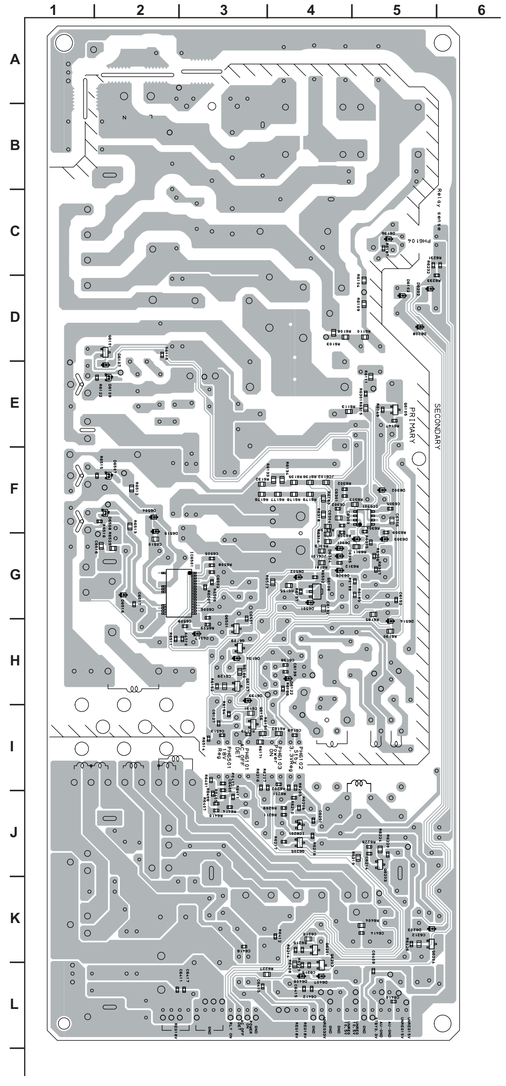
G1 [POWER SUPPLY]

COMPONENT SIDE (KDL-26S2000/32S2000 ONLY)



G1 [POWER SUPPLY]

CONDUCTOR SIDE (KDL-26S2000/32S2000 ONLY)



G2 BOARD SCHEMATIC DIAGRAM (KDL-40S2000 ONLY)

Mount Mecha	A6004	2349900351	Q6100,Q6101

TO BU BOARD CN7009 AND TO PANEL

USED FOR 46" ONLY

TO AU BOARD CN7503 AND TO BU BOARD CN1002

MAIN FB

POWER ON

AC OFF DET

PROTECT

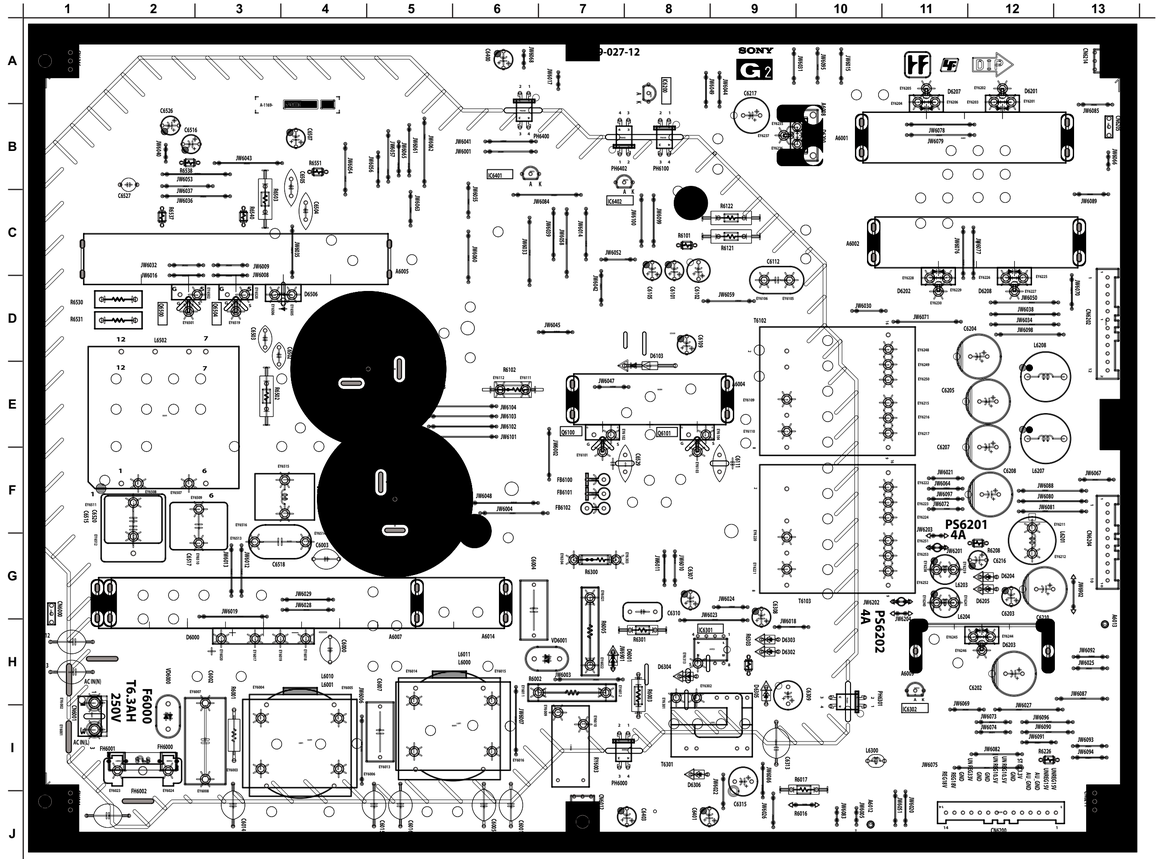
OVP

STBY FB

G2
POWER SUPPLY

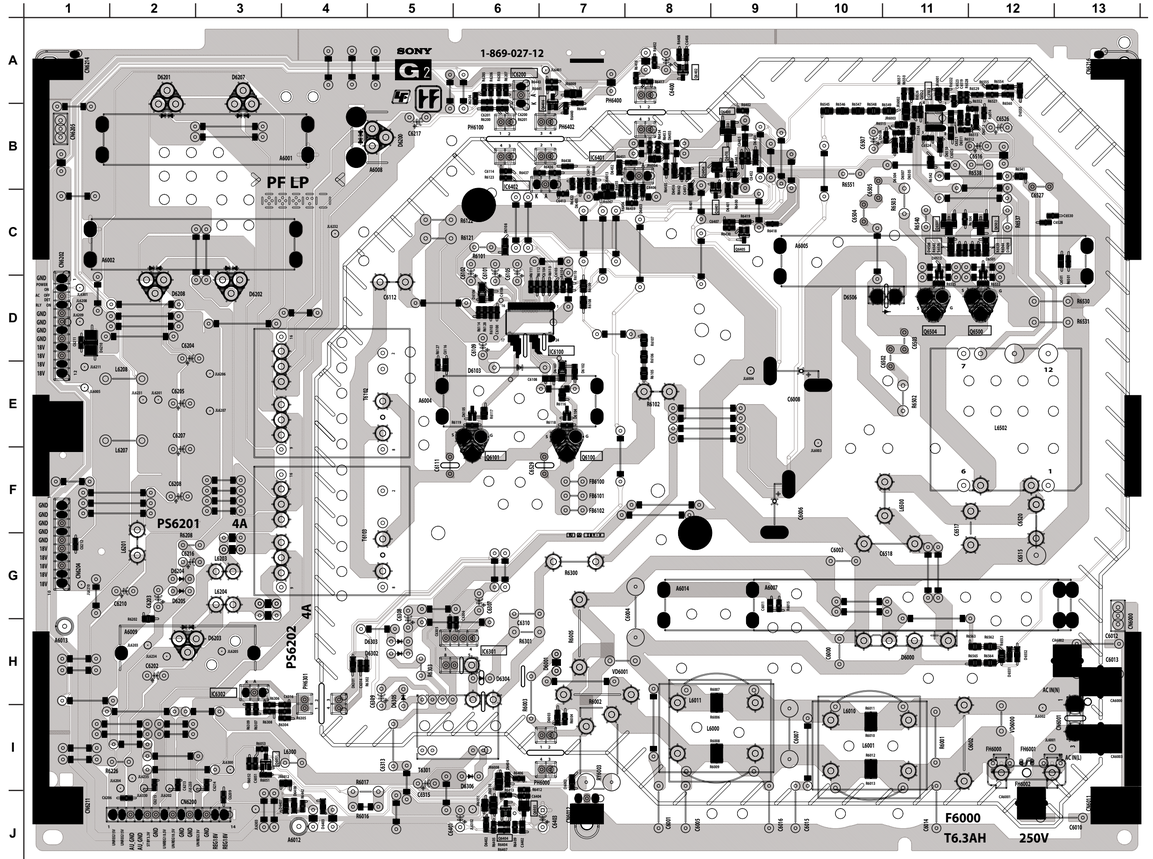
G2 [POWER SUPPLY]

COMPONENT SIDE (KDL-40S2000 ONLY)



G2 [POWER SUPPLY]

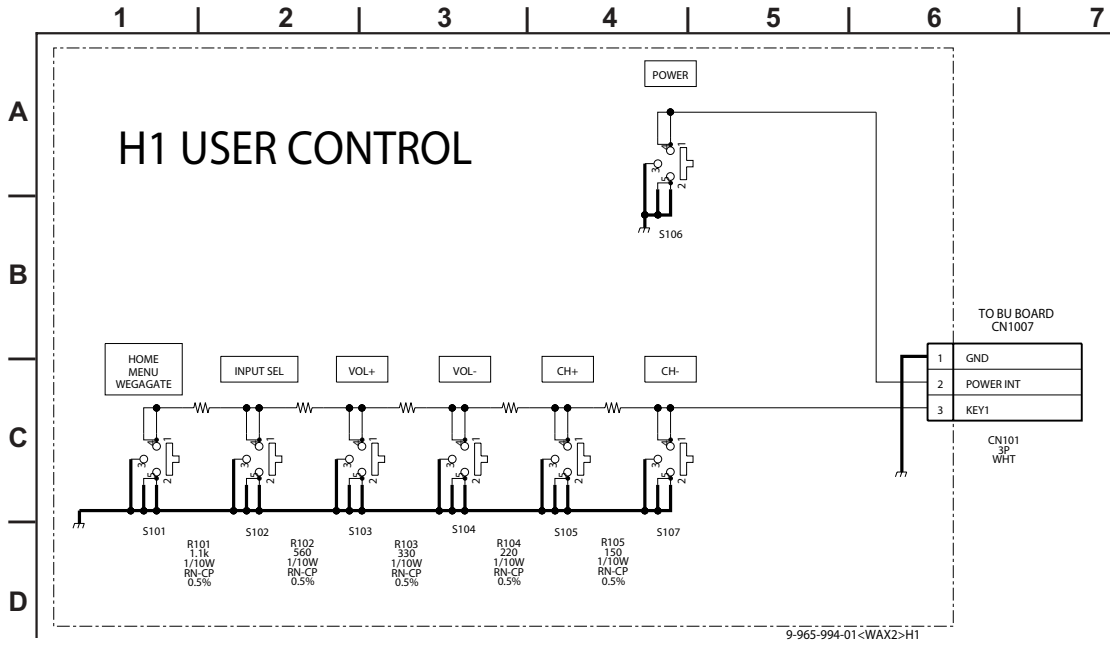
CONDUCTOR SIDE (KDL-40S2000 ONLY)



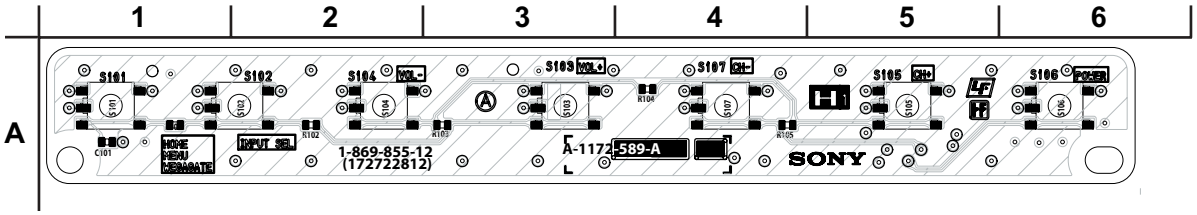
G2 BOARD LOCATOR LIST

DIODE		DIODE		DIODE		TRANSISTOR	
D6000	H-11	D6208	D-2	D6508	C-11	Q6051	I-3
D6002	I-7	D6302	H-5	D6509	C-12	Q6100	F-7
D6003	I-6	D6303	H-5	D6510	B-11	Q6101	F-6
D6102	D-7	D6304	H-6	D6511	B-11	Q6400	B-9
D6103	E-6	D6305	H-5	D6512	B-12	Q6401	C-9
D6104	E-7	D6306	I-6	D6551	H-12	Q6402	A-8
D6105	E-6	D6401	C-9	D6552	H-12	Q6403	J-7
D6106	D-6	D6402	J-6	D6553	B-12	Q6404	J-6
D6107	D-7	D6407	J-3	IC		Q6405	C-9
D6108	C-6	D6408	J-4	IC6100	D-7	Q6406	A-7
D6200	B-5	D6452	B-7	IC6200	A-6	Q6454	B-8
D6201	A-2	D6454	B-9	IC6301	H-6	Q6455	B-9
D6202	D-3	D6456	B-8	IC6302	H-3	Q6500	D-12
D6203	H-3	D6504	B-11	IC6401	B-7	Q6501	C-11
D6204	G-2	D6505	B-11	IC6402	B-6	Q6502	C-12
D6205	G-2	D6506	D-10	IC6502	A-11	Q6504	D-11
D6207	A-3	D6507	B-11				

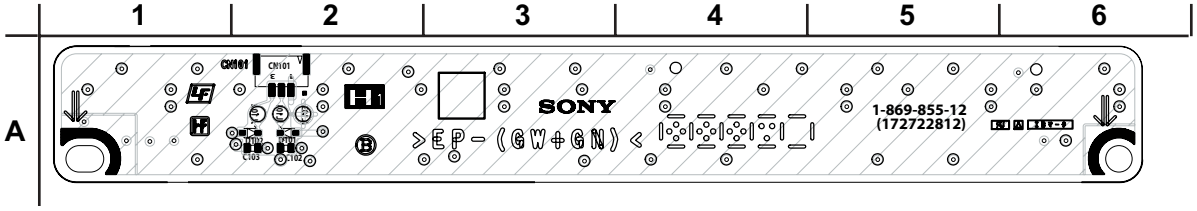
H1U BOARD SCHEMATIC DIAGRAM NOTE: THE SILK SCREEN ON THE BOARD DISPLAY "H1" NOT "H1U"



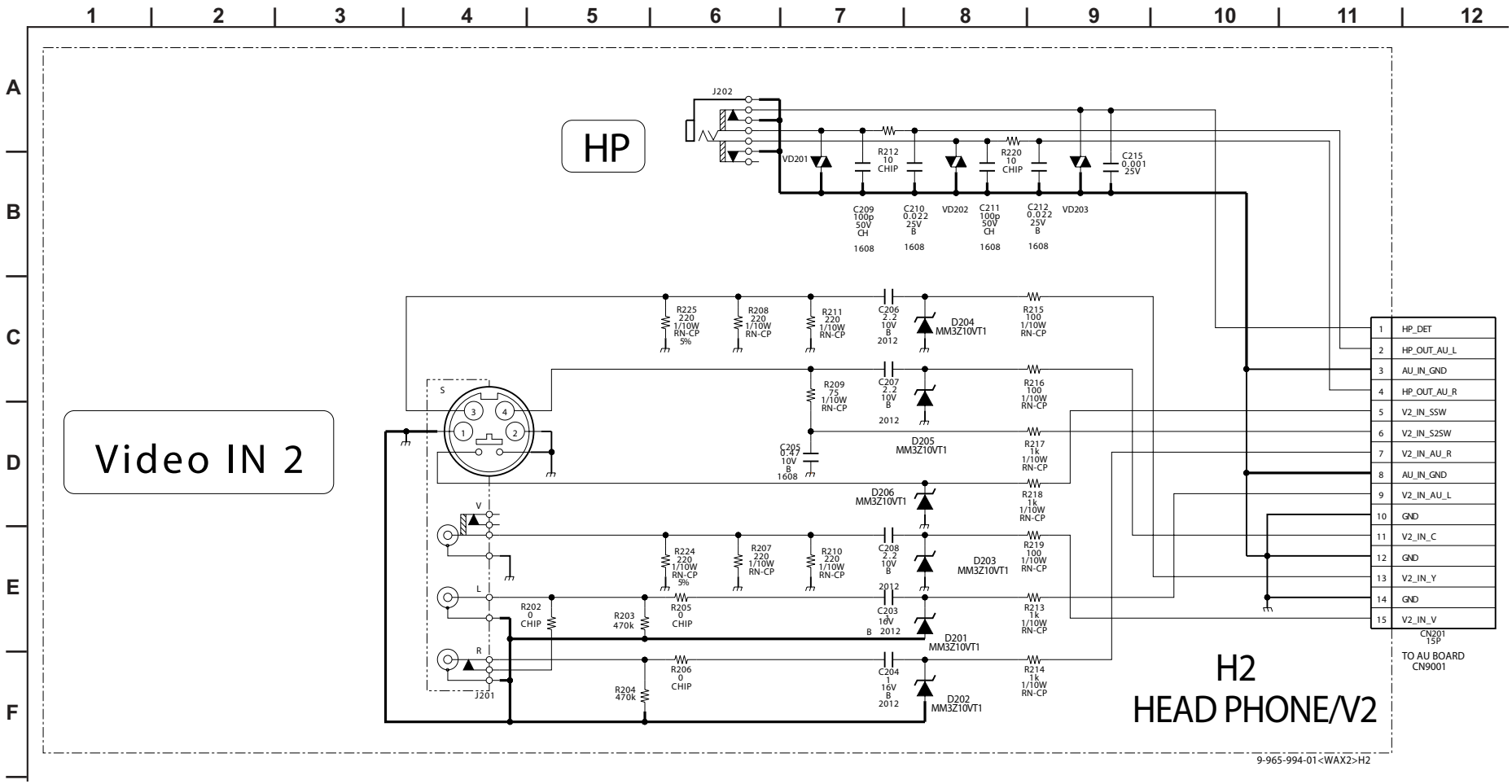
H1U [USER CONTROL] COMPONENT SIDE



H1U [USER CONTROL] CONDUCTOR SIDE

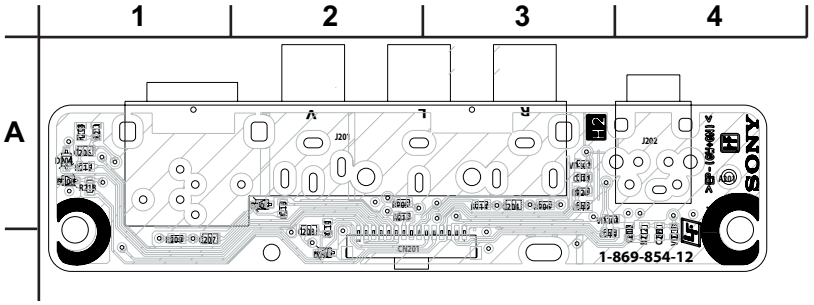


H2U BOARD SCHEMATIC DIAGRAM NOTE: THE SILK SCREEN ON THE BOARD DISPLAY "H2" NOT "H2U"



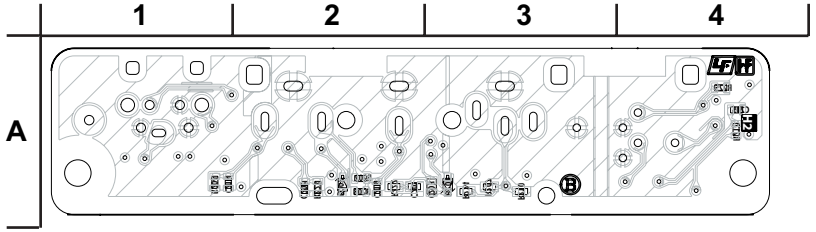
H2U [HEAD PHONE/V2]

COMPONENT SIDE

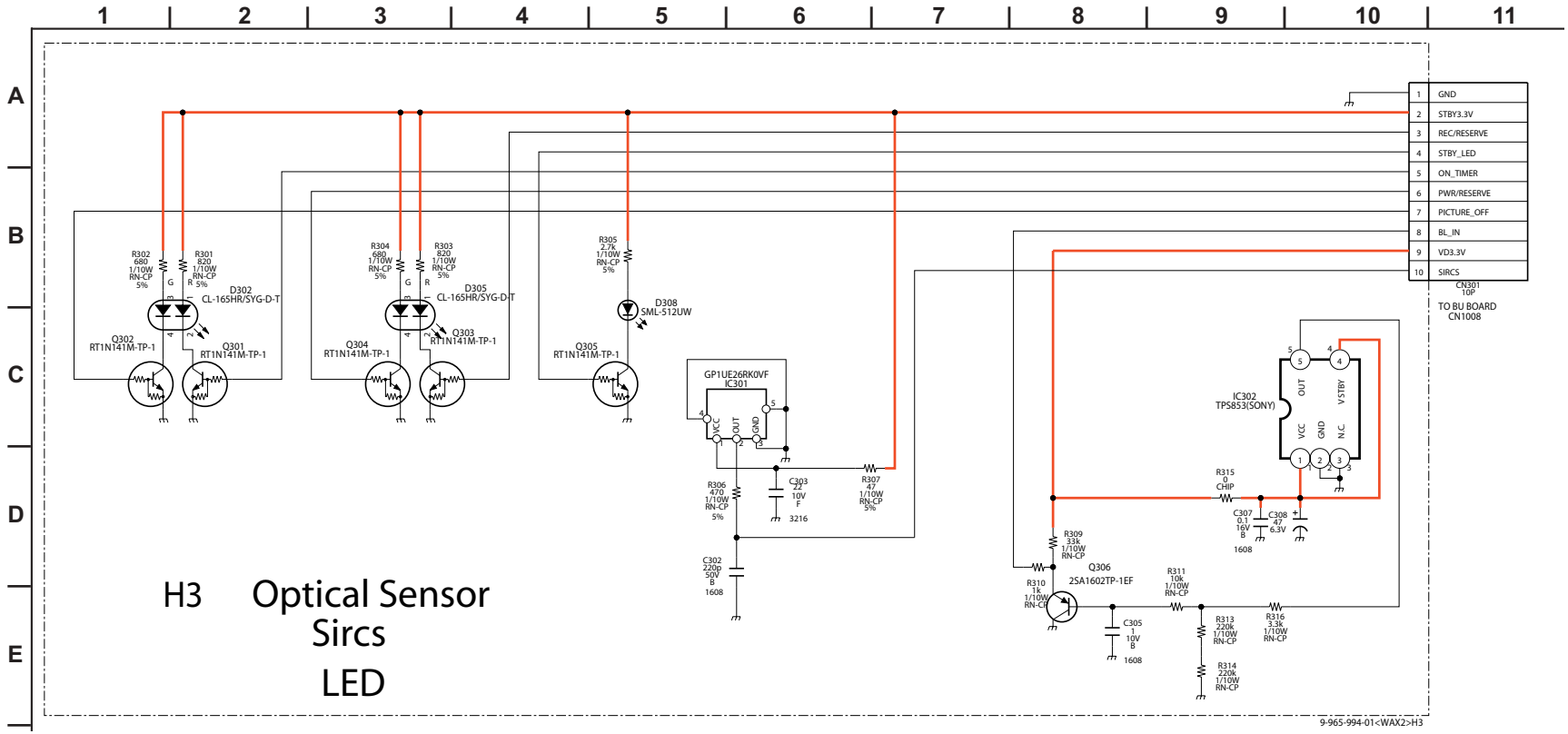


H2U [HEAD PHONE/V2]

CONDUCTOR SIDE

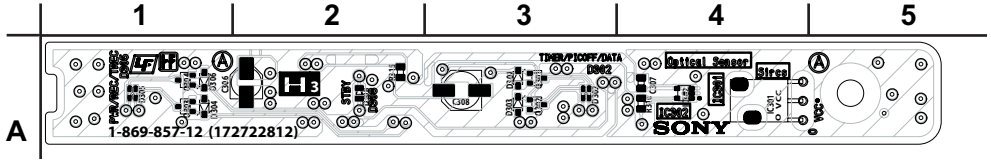


H3U BOARD SCHEMATIC DIAGRAM NOTE: THE SILK SCREEN ON THE BOARD DISPLAY "H3" NOT "H3U"



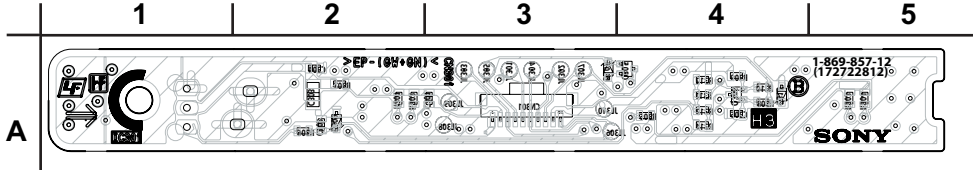
H3U [OPTICAL SENSOR, SIRCS, LED]

COMPONENT SIDE



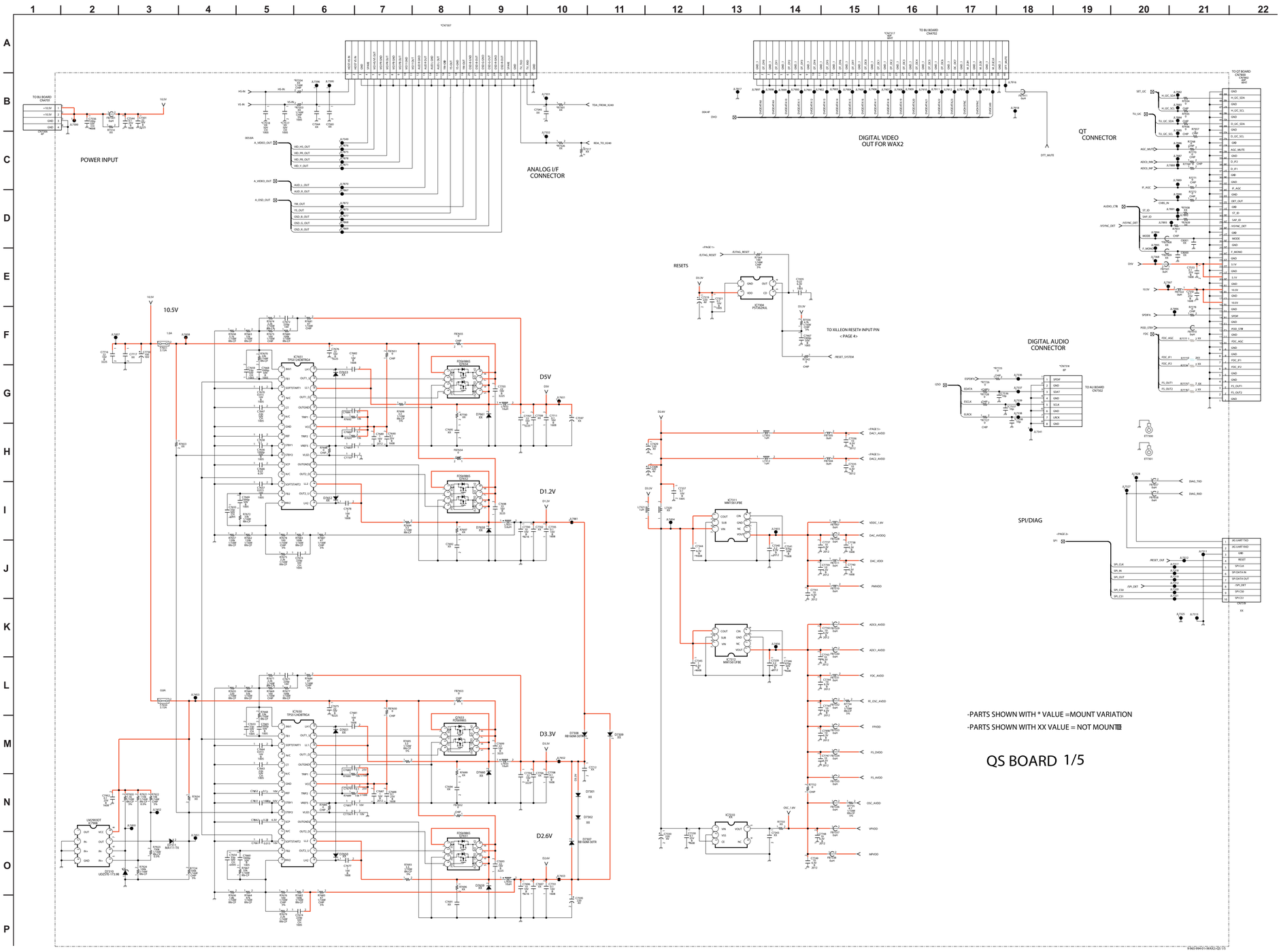
H3U [OPTICAL SENSOR, SIRCS, LED]

CONDUCTOR SIDE



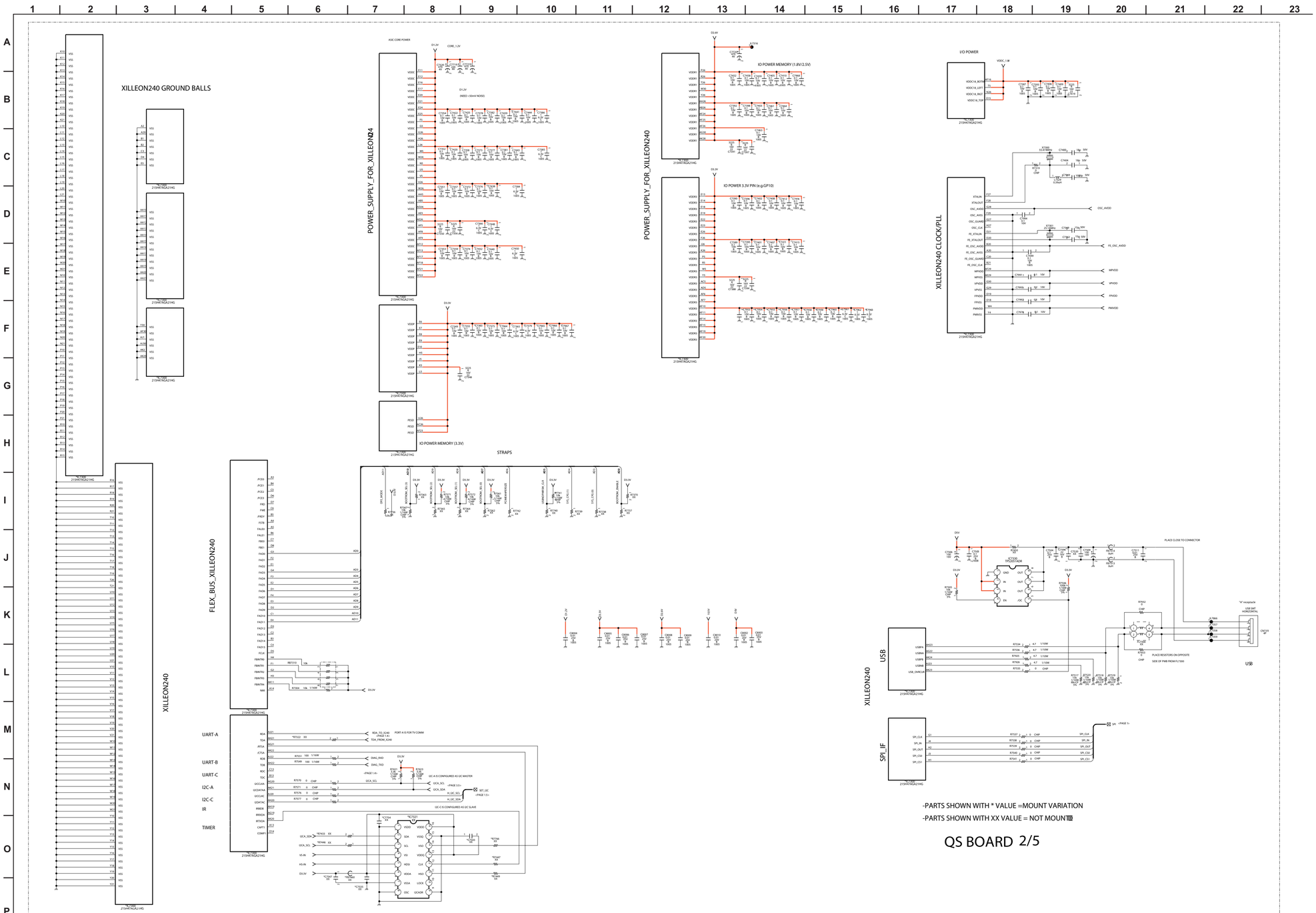
QS BOARD SCHEMATIC DIAGRAM (1 OF 5)

Due to the complexity of this board, performing component level field repairs is not recommended.
If service is required, complete board replacement is the preferred repair method. Data is provided for reference only.



QS BOARD SCHEMATIC DIAGRAM (2 OF 5)

Due to the complexity of this board, performing component level field repairs is not recommended.
If service is required, complete board replacement is the preferred repair method. Data is provided for reference only.



QS BOARD SCHEMATIC DIAGRAM (3 OF 5)

Due to the complexity of this board, performing component level field repairs is not recommended.
If service is required, complete board replacement is the preferred repair method. Data is provided for reference only.

DRAM PORT = 64MB

X240

NAND_FLASH_I/F

NAND FLASH

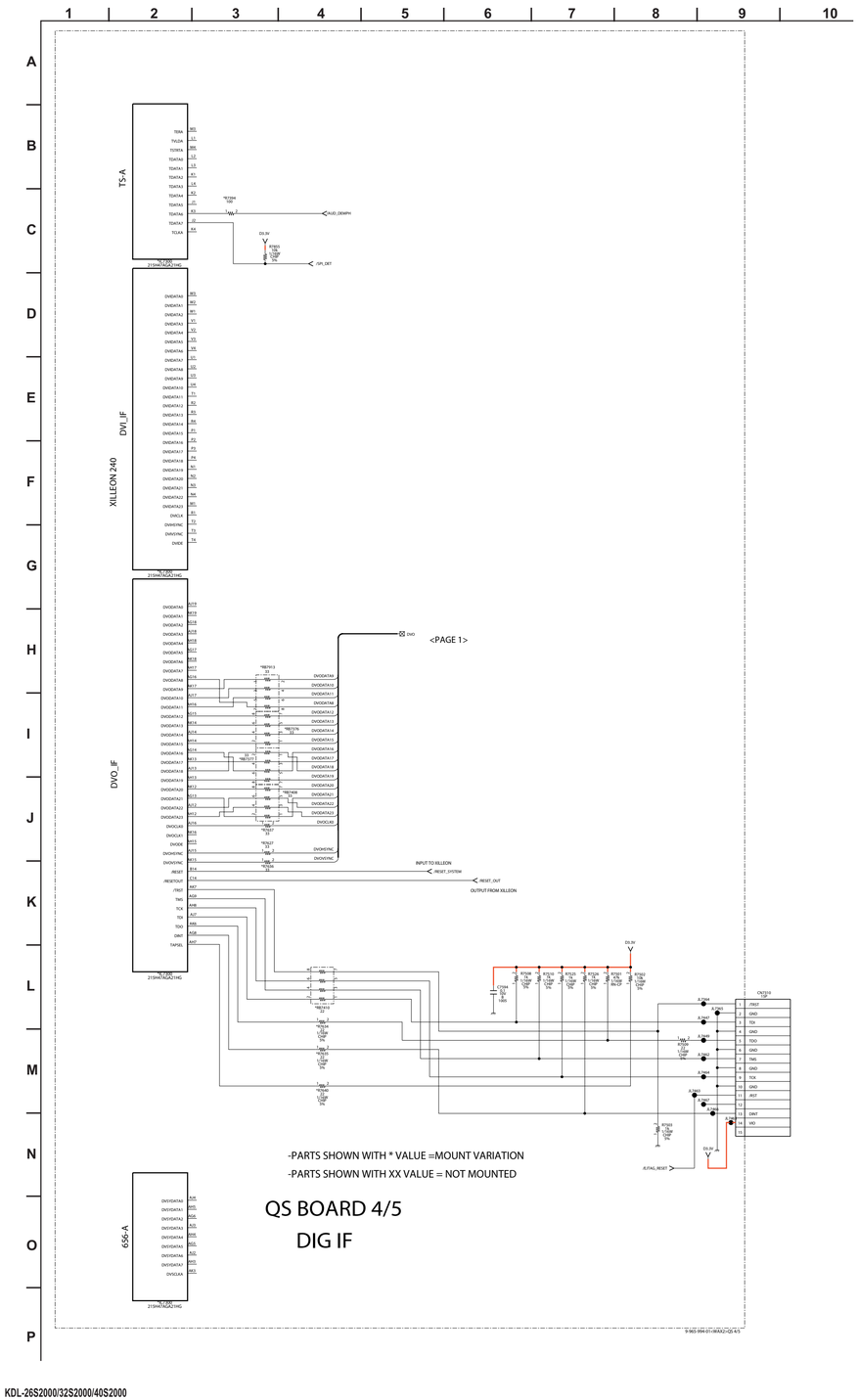
SERIAL BOOT FLASH

-PARTS SHOWN WITH * VALUE =MOUNT VARIATION
-PARTS SHOWN WITH XX VALUE = NOT MOUNTED

QS BOARD 3/5
DDR/FLASH/NVM

QS BOARD SCHEMATIC DIAGRAM (4 OF 5)

Due to the complexity of this board, performing component level field repairs is not recommended.
If service is required, complete board replacement is the preferred repair method. Data is provided for reference only.


1 2 3 4 5 6 7 8 9 10
A B C D E F G H I J K L M N O P
TS-A
DVI_IF
XILLEON 240
DVO_IF
656-A
TS-A 215MHGA21HG
DVI_IF 215MHGA21HG
DVO_IF 215MHGA21HG
656-A 215MHGA21HG
TSBA
TxCLKA
TSTRTA
TDATA0
TDATA1
TDATA2
TDATA3
TDATA4
TDATA5
TDATA6
TDATA7
TCLKA
*RES
100
AUD_DEMPH
D3.3V
R7003
10K
1/16W
0.125W
5%
DFI_DET
DVIDATA0
DVIDATA1
DVIDATA2
DVIDATA3
DVIDATA4
DVIDATA5
DVIDATA6
DVIDATA7
DVIDATA8
DVIDATA9
DVIDATA10
DVIDATA11
DVIDATA12
DVIDATA13
DVIDATA14
DVIDATA15
DVIDATA16
DVIDATA17
DVIDATA18
DVIDATA19
DVIDATA20
DVIDATA21
DVIDATA22
DVIDATA23
DVICLK
DVIHSYNC
DVIVSYNC
DVIDE
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DVOUTDATA1
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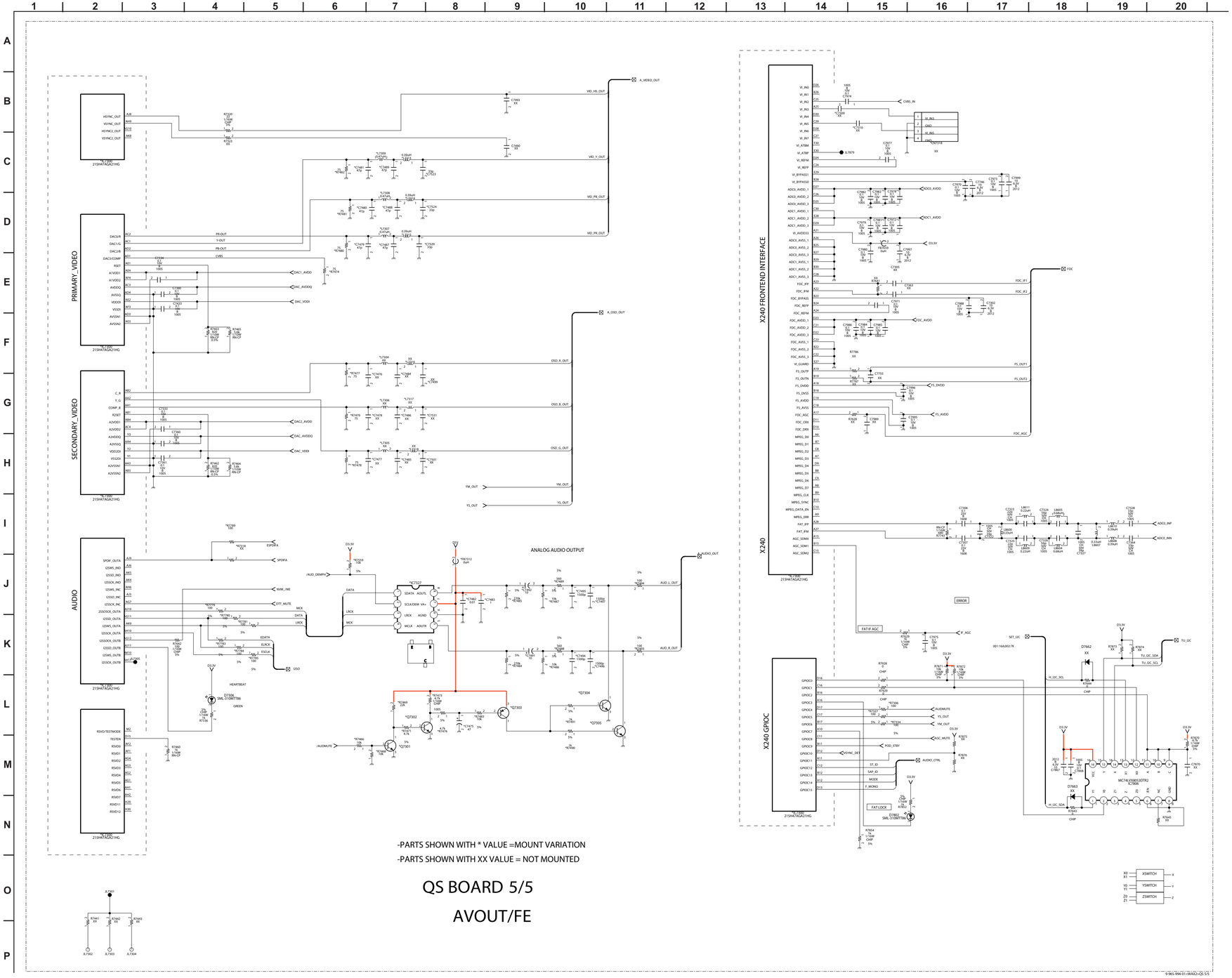
DVOUTDATA4
DVOUTDATA5
DVOUTDATA6
DVOUTDATA7
DVOCLKA
DVO
<PAGE 1>
*RES
100
*RES
100
*RES
100

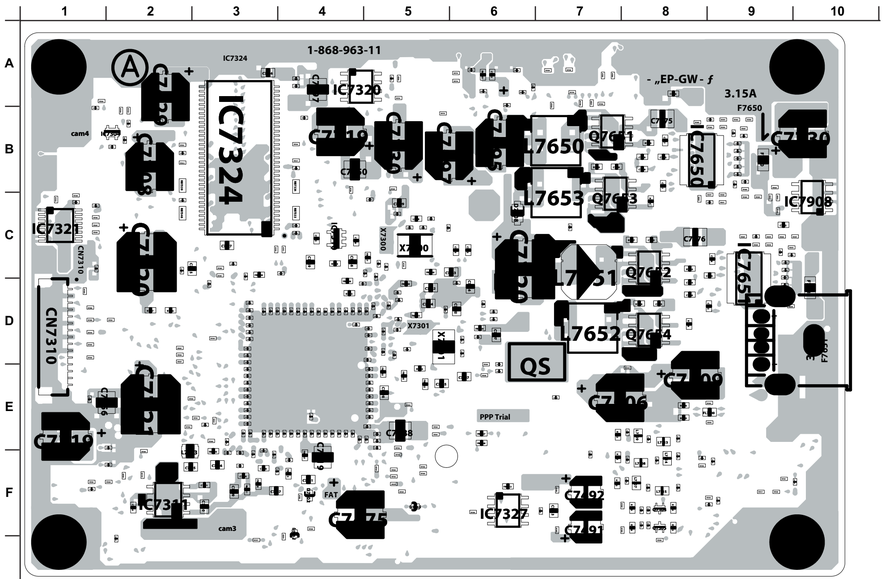
QS BOARD SCHEMATIC DIAGRAM (5 OF 5)

Due to the complexity of this board, performing component level field repairs is not recommended.
If service is required, complete board replacement is the preferred repair method. Data is provided for reference only.



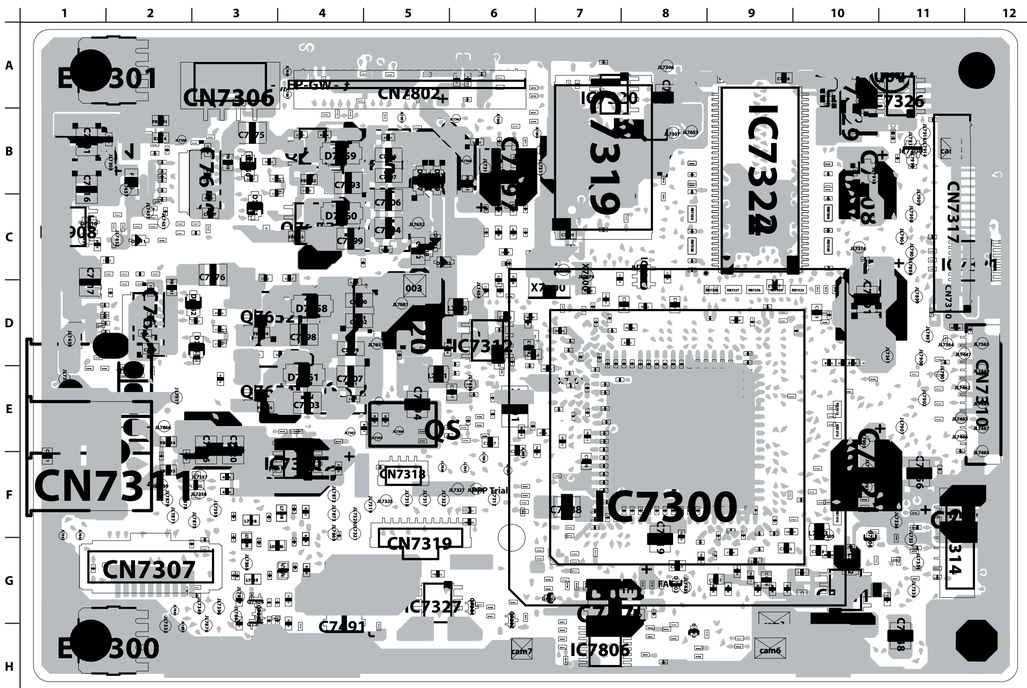
QS [DDR/FLASH/NVM, DIG IF, AVOUT/FE]

COMPONENT SIDE



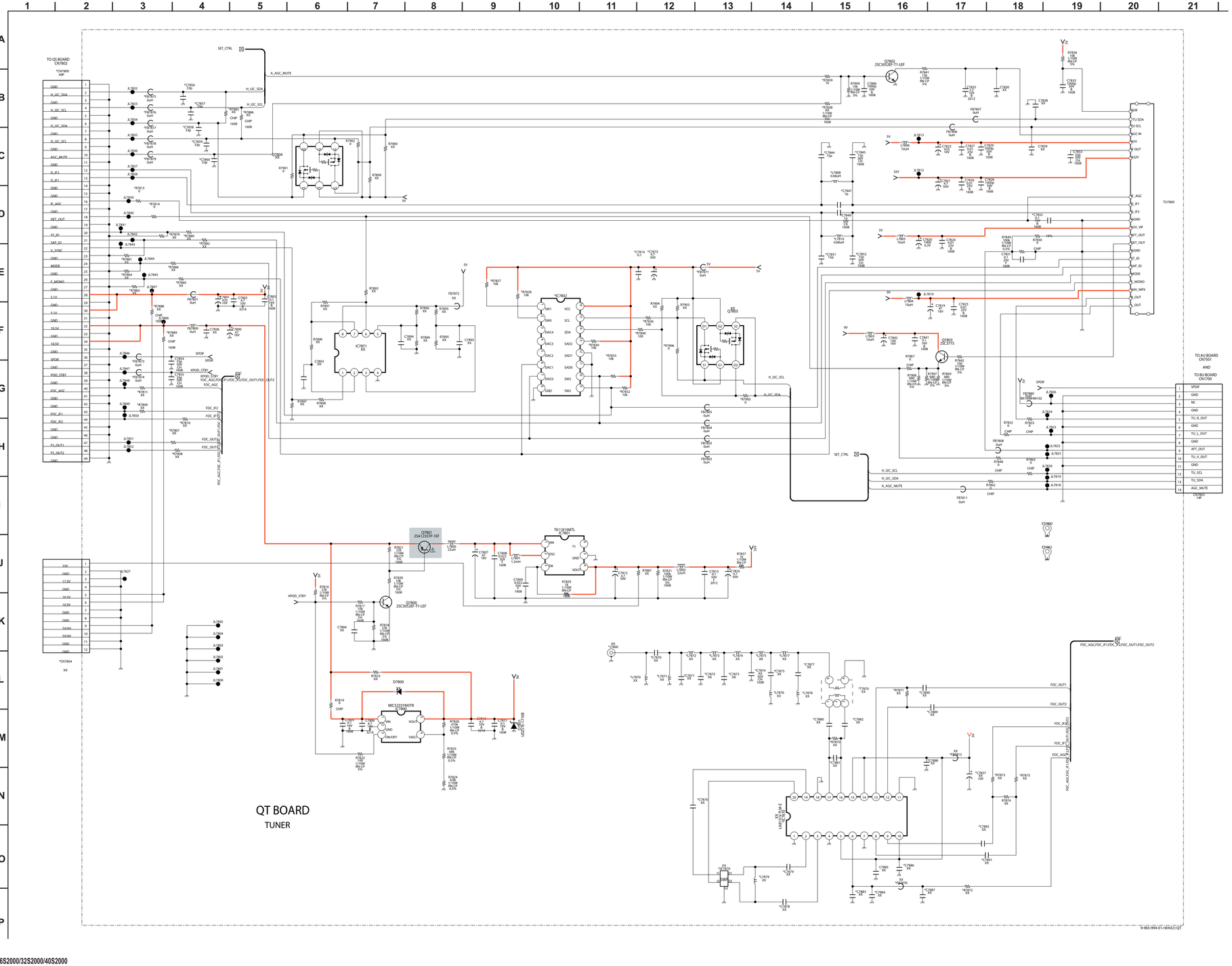
QS [DDR/FLASH/NVM, DIG IF, AVOUT/FE]

CONDUCTOR SIDE



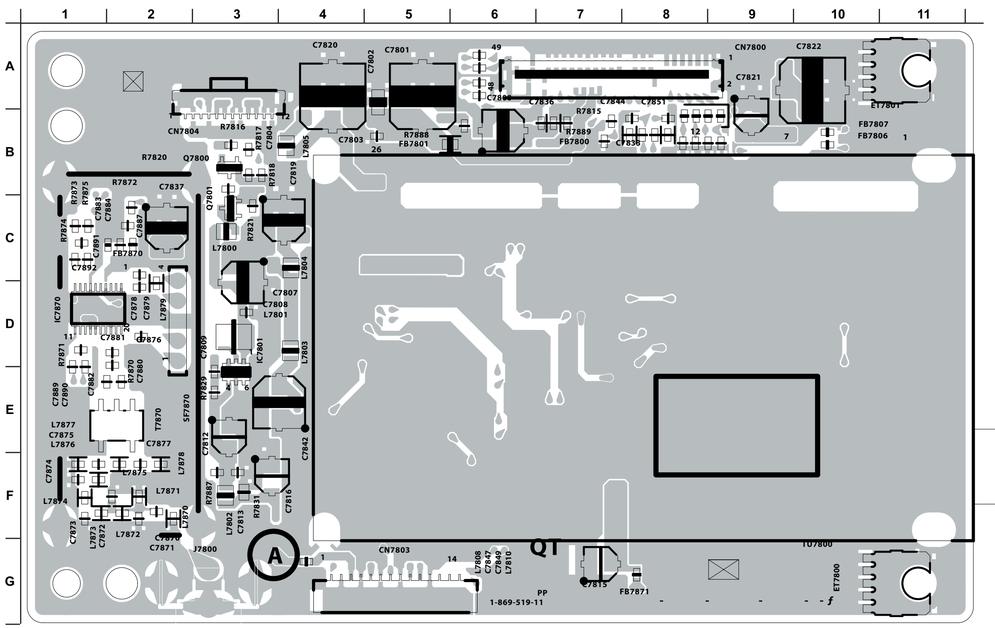
QT BOARD SCHEMATIC DIAGRAM

Due to the complexity of this board, performing component level field repairs is not recommended.
If service is required, complete board replacement is the preferred repair method. Data is provided for reference only.



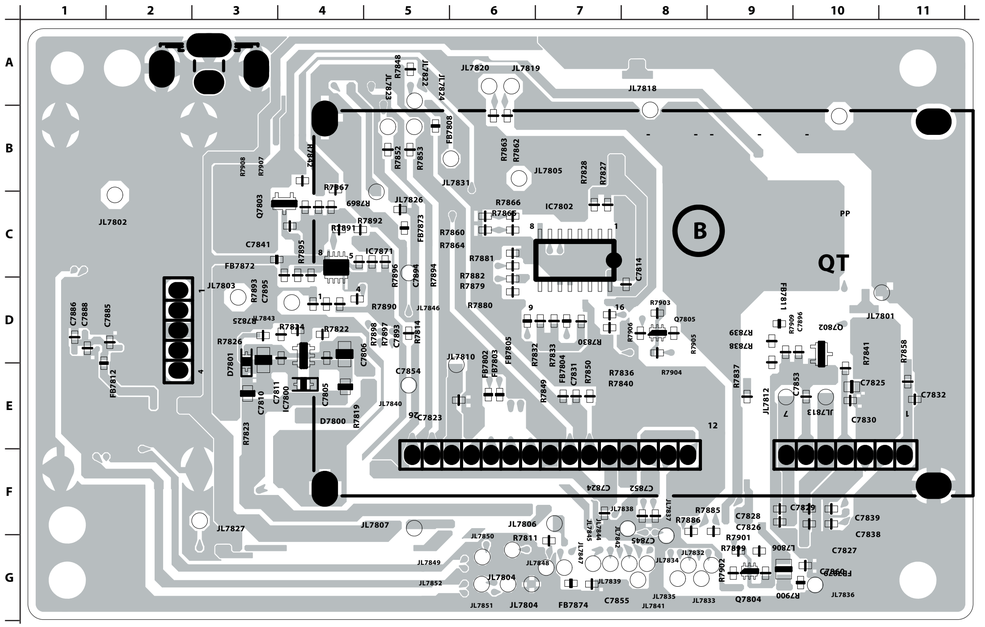
QT [TUNER]

COMPONENT SIDE



QT [TUNER]

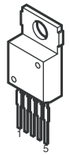
CONDUCTOR SIDE



3-5. SEMICONDUCTORS

IC

BA00AST-V5



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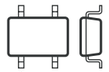
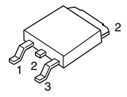
S-80928CNMC-G8YT2G
TC7SZ125FU(TE85R)

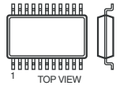


5Pin CHIP

BA18BC0FP-E2
BA25BC0FP-E2



BR24L02F-WE2
CS4335-KSZR
FA5501N-TE1
LM75CIMX-3
M24128-BWMN6T(A)
M24C02-WMN6T(B)
NJM2521V(TE2)
NJM3414AV(TE2)
RC4558DR
RC4558PWR



8Pin SOP

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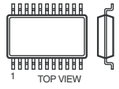

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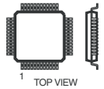
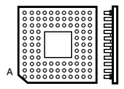
CXA2188Q-T4



40Pin QFP

EM6A9320BI-5MG



144Pin PGA

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HD64F3694FXV-DA4
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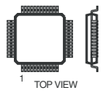
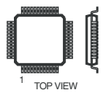


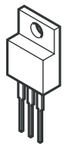
48Pin QFP

HD64F2378-12681-01

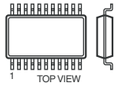


144Pin QFP

L88M05T-FA-TL

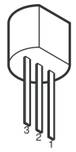


M52347FP-TE



20Pin SOP

MM1431ATT



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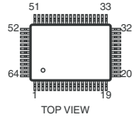
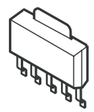
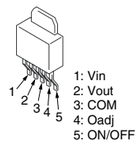


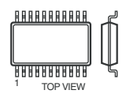
PQ1CY1032ZP



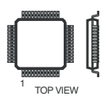
PQ1CZ41H2ZPH



RV5C387A-E2-FB

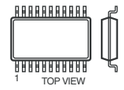


SII9993CTG100



100Pin QFP

SN74LV132APWR
SN74LVC14APWR

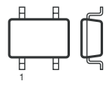


14Pin SOP

STR-A6169

8Pin DIP

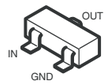
TK11819MTL



6Pin CHIP

TRANSISTOR

DTC114EU
DTC114EUAFT106



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DTC115EUA-T106
DTC144WKA-T146
DTC314TK-T-146
DTC323TK
DTC323TKT146
MUN2211T1
MUN2212T1
MUN5213T1
PDTC114EK-115
UN2211
2PA1576R-115
2PC4081R-115
2PD601AR-115
2SA1037AK-T146-QR
2SA1037AK-T146-R
2SA1576A-T106-QR
2SA1774R
2SA1774TL-QR
2SC1623-L5L6
2SC2412K-T-146-QR
2SC4081-R
2SC4081T106R
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2SC4617TL-QR
2SD2114K
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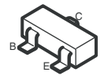
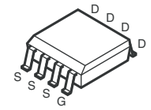
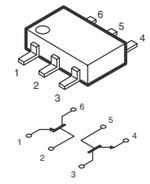


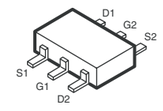
FDS6690A



HN1B01FU-TE85R



SSM6N15FU(TE85R)



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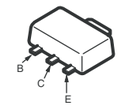
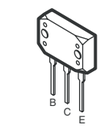
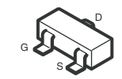
2SB1122-ST-TD-E
2SD1621-ST
2SD1621ST-TD-E



2SD2114KT146



2SK2158-T2B



DIODE

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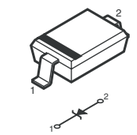
MM3Z11VT1
MM3Z13VT1
MM3Z18VST1
MM3Z22VT1
MM3Z2V4T1
MM3Z5V6ST1
MM3Z6V2ST1
MM3Z6V8ST1
MM3Z8V2ST1



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HZU5.6GTRF
MA113-(TX)
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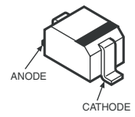
RD5.6SB-T1
UDZ-TE-17-18B
UDZ-TE-17-6.2B
UDZ-TE-17-6.8B



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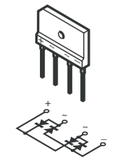
D10SBS4F
D2SB60A-F04
D4SB60L



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D1NL40-TA2
D1NL40-TR2
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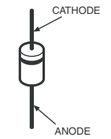

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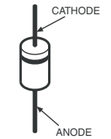

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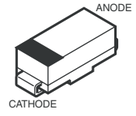
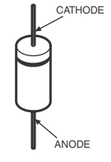
EC10QS04-TE12L5

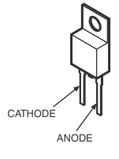
EC21QS03L-TE12L
P6SMBJ30A-5
PTZ-TE25-3.9B



ERA22-08KFLB



FSF05A60



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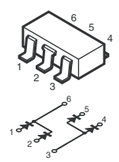
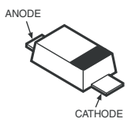
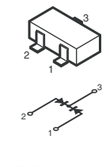
HN1D03FU-TE85R



M1FM3



MA132WK
MA132WK-TX
MA151WK-TX
1SS184



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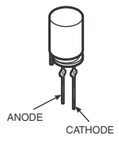
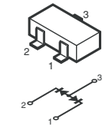
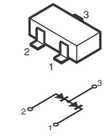


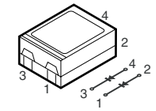
UMZ16NT106



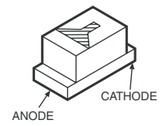
1PS302



SML-020MVT-T86



SML-310LTT86



SECTION 4: EXPLODED VIEWS

Components not identified by a part number or description are not stocked because they are seldom required for routine service.

The component parts of an assembly are indicated by the reference numbers in the far right column of the parts list and within the dotted lines of the diagram.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

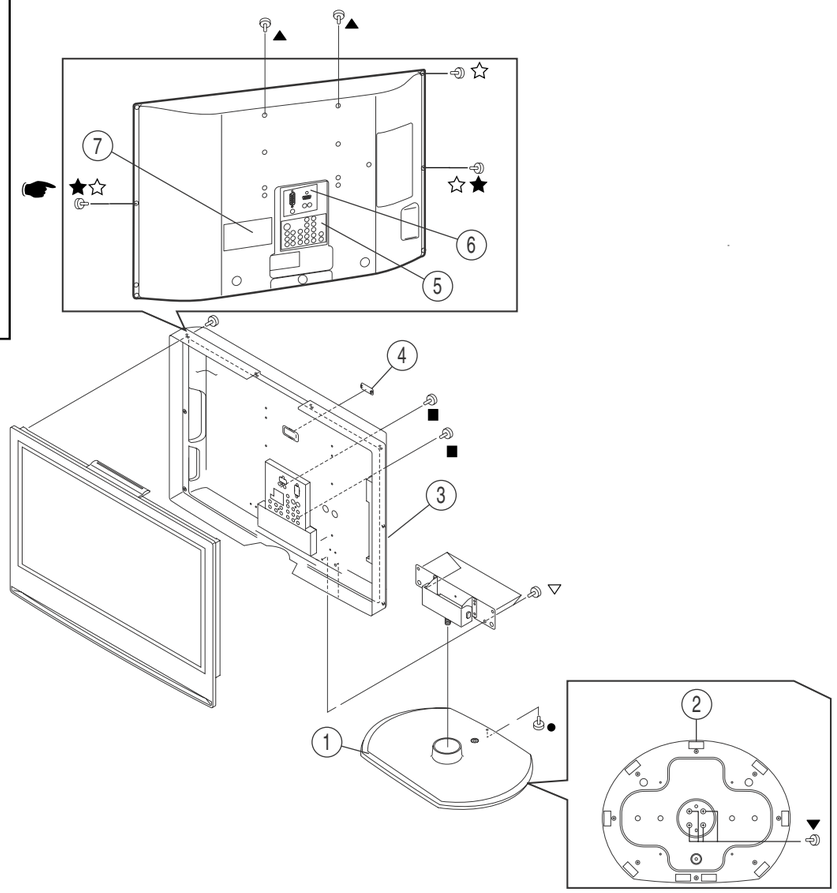
NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-1. REAR CABINET AND STAND ASSEMBLY

(Please review the Sony Electronics Service Information website for any additional service information.)

(NOTE: Illustrations created based on KDL-26S2000)

■	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3
☞ ☆	2-580-640-01	SCREW, +BVTP2 4X16
★	2-580-639-01	SCREW, +BVTP2 4X12 (KDL-26S2000 ONLY)
●	2-580-644-01	SCREW, +KTP2 3X8 (KDL-26S2000/32S2000 ONLY)
●	2-580-647-01	SCREW, +KTP2 4X12 (KDL-40S2000 ONLY)
▲	2-580-603-01	SCREW, +PSW M4X16 (KDL-26S2000 ONLY)
▲	2-580-611-01	SCREW, +PSW M6X16 (KDL-32S2000/40S2000 ONLY)
▼	2-676-024-01	SCREW,WTP 4X30 (KDL-26S2000/32S2000 ONLY)
▼	2-676-025-01	SCREW,WTP 5X35 (KDL-40S2000 ONLY)
▽	2-580-602-01	SCREW, +PSW M4X12



REF. NO.	PART NO.	DESCRIPTION [ASSEMBLY INCLUDES]
1	X-2103-365-3	STAND M ASSEMBLY (KDL-26S2000/32S2000 ONLY)
1	X-2103-366-2	STAND L ASSEMBLY (KDL-40S2000 ONLY)
2	2-675-191-02	FOOT
3	X-2109-586-1	COVER (26), REAR ASSEMBLY (KDL-26S2000 ONLY)
3	X-2148-024-1	COVER, REAR (32) (KDL-32S2000 ONLY)
3	X-2148-025-1	REAR COVER ASSEMBLY(40) (KDL-40S2000 ONLY)
4	2-664-636-01	COVER, ECS
5	2-681-672-01	LABEL, TERMINAL (REAR)
6	2-681-673-01	LABEL, HDMI
7	2-668-386-03	LABEL, INFORMATION (KDL-26S2000 SN 7,000,000 to 7,999,999 ONLY)
7	2-681-671-01	LABEL, INFORMATION (KDL-26S2000 ALL EXCEPT SN 7,000,000 to 7,999,999)
* 7	2-668-386-13	LABEL, INFORMATION (KDL-32S2000 ALL EXCEPT SN 7,000,000 to 7,999,999)
7	2-681-671-11	LABEL, INFORMATION (KDL-32S2000 ALL EXCEPT SN 7,000,000 to 7,999,999)
7	2-681-671-21	LABEL, INFORMATION (KDL-40S2000 ALL EXCEPT SN 7,000,000 to 7,999,999)

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

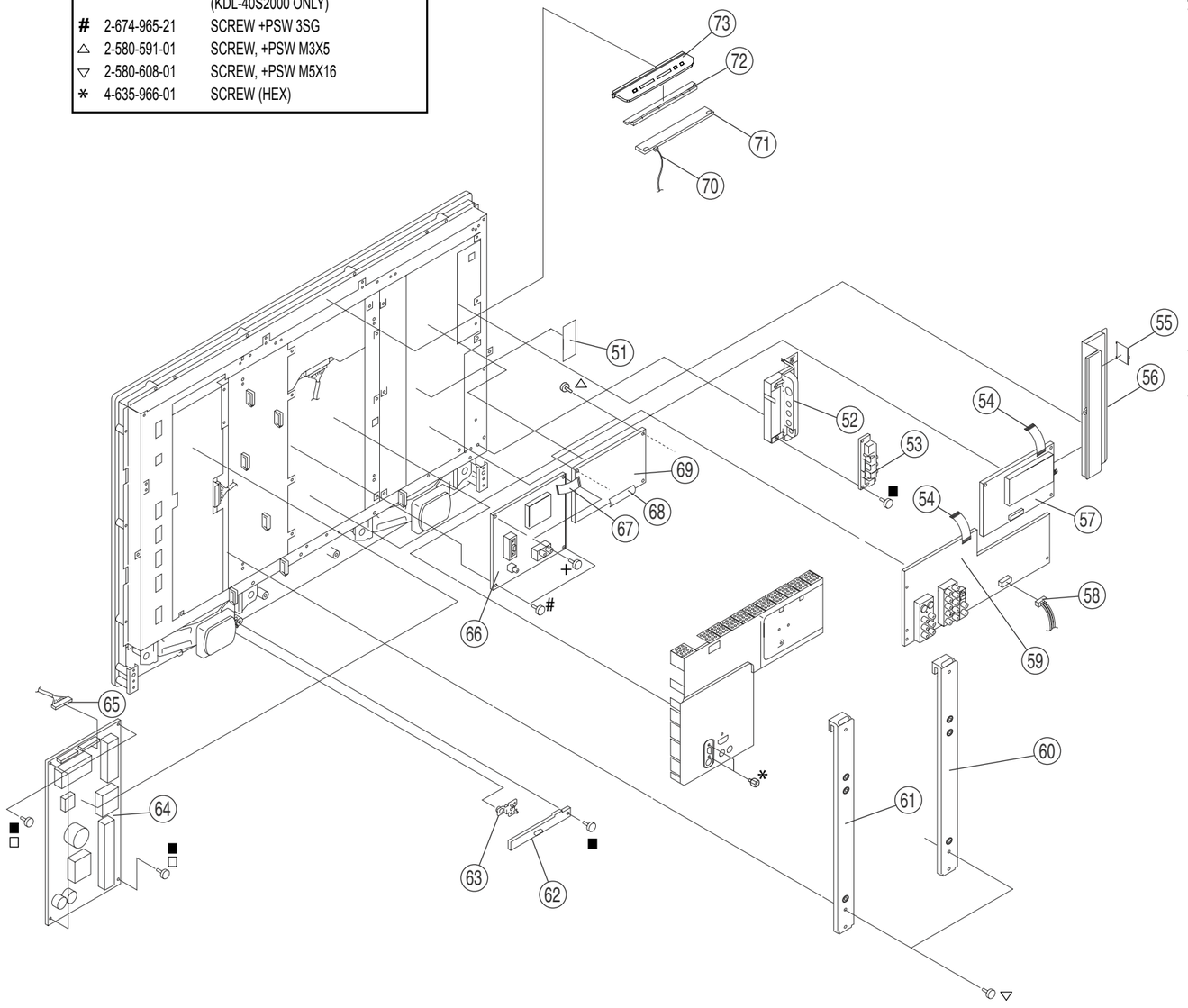
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-2. CHASSIS

(Please review the Sony Electronics Service Information website for any additional service information.)
(NOTE: Illustrations created based on KDL-26S2000)

■	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3
□	2-674-965-31	SCREW +PSW 3SG (KDL-40S2000 ONLY)
#	2-674-965-21	SCREW +PSW 3SG
△	2-580-591-01	SCREW, +PSW M3X5
▽	2-580-608-01	SCREW, +PSW M5X16
*	4-635-966-01	SCREW (HEX)



REF. NO.	PART NO.	DESCRIPTION [ASSEMBLY INCLUDES]
* 51	4-092-814-02	CUSHION D
52	2-663-986-11	HOLDER,SIDE JACK(L)(UC) (KDL-40S2000 ONLY)
52	2-663-985-11	HOLDER,SIDE JACK(M)(UC) (KDL-26S2000/32S2000 ONLY)
53	A-1152-234-E	H2U BOARD, MOUNTED
54	1-910-024-83	FFC CONNECTOR ASSY (2) 49P
55	2-667-650-01	COVER, SERVICE
56	X-2109-054-2	SIDE,TERMINAL (M) ASSEMBLY (KDL-32S2000/40S2000 ONLY)
56	X-2109-051-2	SIDE,TERMINAL (S) ASSEMBLY (KDL-26S2000 ONLY)
57	A-1164-341-B	QT BOARD, COMPLETE (If a component on this board fails, the entire board must be replaced.)
* 58	1-910-024-86	CONNECTOR ASSEMBLY 15P (KDL-26S2000 ONLY)
* 58	1-910-024-77	CONNECTOR ASSEMBLY 15P (KDL-32S2000 ONLY)
59	A-1192-415-D	AU BOARD, COMPLETE
60	X-2109-235-1	BRACKET,VESA (26) (L) ASSEMBLY (KDL-26S2000 ONLY)
60	X-2109-236-1	BRACKET,VESA (32) (L) ASSEMBLY (KDL-32S2000 ONLY)
60	X-2109-058-3	VESA BRACKET (40) (L) ASSEMBLY (KDL-40S2000 ONLY)
61	X-2109-595-1	BRACKET,VESA (26) (R) ASSEMBLY (KDL-26S2000 ONLY)
61	X-2109-551-1	BRACKET,VESA (32) (R) ASSEMBLY (KDL-32S2000 ONLY)
61	X-2109-059-3	VESA BRACKET (40) (R) ASSEMBLYY (KDL-40S2000 ONLY)

REF. NO.	PART NO.	DESCRIPTION [ASSEMBLY INCLUDES]
62	A-1172-591-D	H3U BOARD, MOUNTED
* 63	2-664-630-01	GUIDE, LIGHT SENSOR
⚠ *64	1-468-980-12	G1 BOARD, POWER UNIT (KDL-26S2000/32S2000 ONLY)
* 64	A-1169-591-E	G2 BOARD, COMPLETE (KDL-40S2000 ONLY)
* 65	1-910-024-90	CONNECTOR ASSEMBLY 12P (KDL-26S2000 ONLY)
* 65	1-910-024-81	CONNECTOR ASSEMBLY 12P (KDL-32S2000 ONLY)
66 🔒	A-1179-491-A	BU BOARD, MOUNTED (KDL-26S2000 ONLY)
66 🔒	A-1179-492-A	BU BOARD, MOUNTED (KDL-32S2000 ONLY)
66 🔒	A-1179-493-A	BU BOARD, MOUNTED (KDL-40S2000 ONLY)
67	1-910-024-84	FFC CONNECTOR ASSY 40P
68	4-660-752-01	TAPE (LCD)
69	A-1153-812-B	QS BOARD, COMPLETE (If a component on this board fails, the entire board must be replaced.)
* 70	1-910-024-85	CONNECTOR ASSEMBLY 3P (KDL-26S2000 ONLY)
* 70	1-910-024-76	CONNECTOR ASSEMBLY 3P (KDL-32S2000 ONLY)
* 70	1-910-024-91	CONNCTOR ASSEMBLY 3P (KDL-40S2000 ONLY)
71	A-1172-589-D	H1U BOARD, MOUNTED
72	2-663-977-01	BUTTON, MULTI
73	2-663-978-02	COVER, BUTTON

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

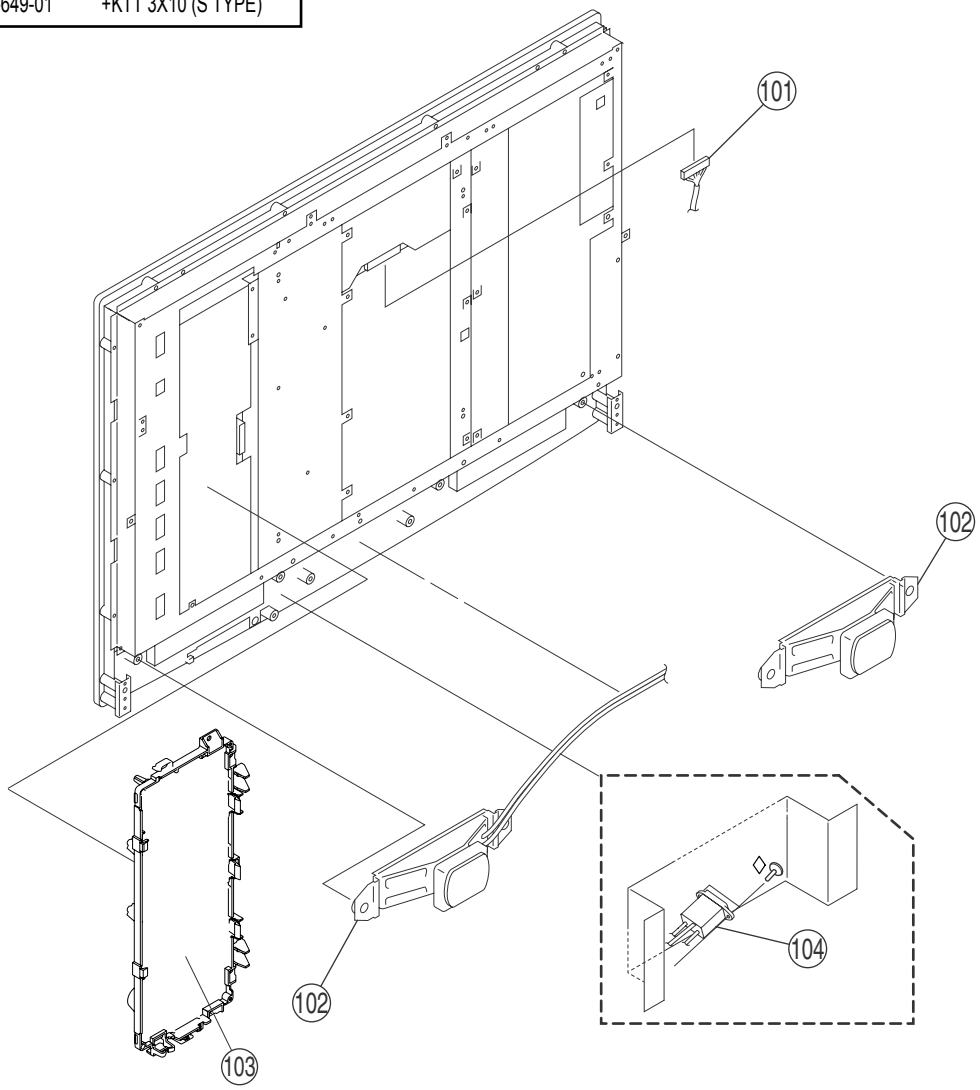
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-3. SPEAKERS

(Please review the Sony Electronics Service Information website for any additional service information.)
(NOTE: Illustrations created based on KDL-26S2000)

◇ 2-596-649-01 +KTT 3X10 (S TYPE)



REF. NO.	PART NO.	DESCRIPTION [ASSEMBLY INCLUDES]
101	1-832-468-12	HARNESS WITH CONNECTOR (LVDS) (KDL-26S2000 ONLY)
101	1-832-469-12	HARNESS WITH CONNECTOR (LVDS) (KDL-32S2000 ONLY)
101	1-832-470-11	HARNESS WITH CONNECTOR (LVDS) (KDL-40S2000 ONLY)
102	1-826-363-11	LOUDSPEAKER (4.2X15CM) (KDL-26S2000/32S2000 ONLY)
102	1-826-362-11	LOUDSPEAKER (5.5X15.5CM) (KDL-40S2000 ONLY)
103	X-2109-589-1	BRACKET, G1 ASSEMBLY (KDL-26S2000/32S2000 ONLY)
103	2-664-617-01	BRACKET, G2 (KDL-40S2000 ONLY)
⚠ 104	1-819-729-13	INLET, AC (WITH NOISE FILTER)

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

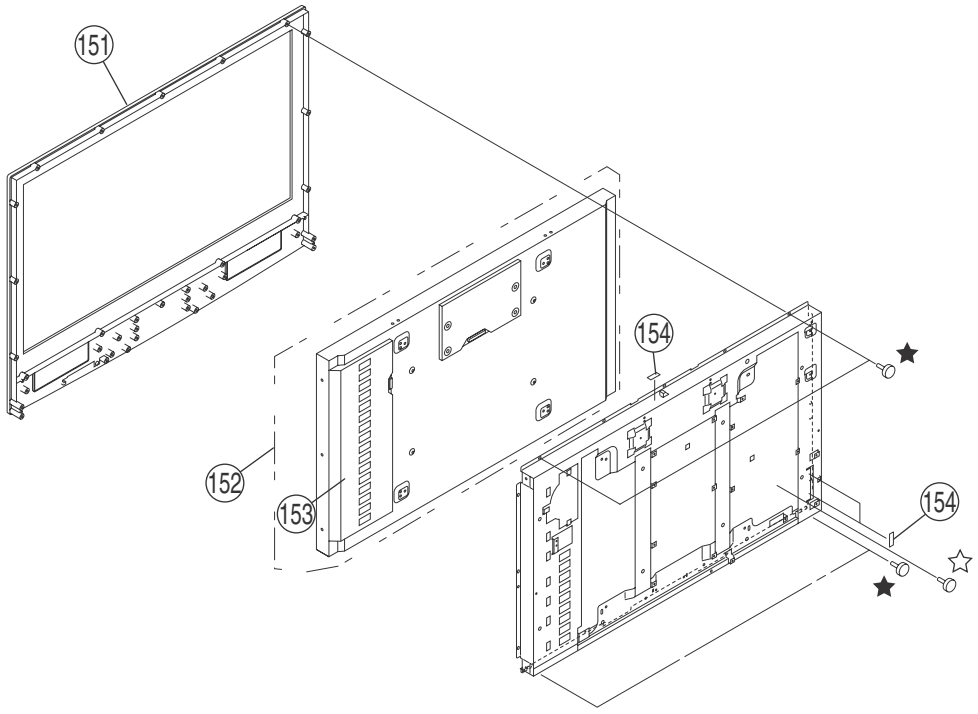
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-4. LCD PANEL

(Please review the Sony Electronics Service Information website for any additional service information.)
(NOTE: Illustrations created based on KDL-26S2000)

☆	2-580-640-01	SCREW, +BVTP2 4X16
★	2-580-600-01	SCREW, +PSW M4X8 (KDL-26S2000/32S2000 ONLY)
★	2-580-606-01	SCREW, +PSW M5X8 (KDL-40S2000 ONLY)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
151	X-2108-505-1	BEZEL ASSEMBLY(26) (KDL-26S2000 SN 7,000,000 to 7,999,999 ONLY)	
151	X-2109-638-1	BEZEL ASSEMBLY(26) (KDL-26S2000 ALL EXCEPT SN 7,000,000 to 7,999,999)	
151	X-2108-490-1	BEZEL ASSEMBLY (32) (KDL-32S2000 SN 7,000,000 to 7,999,999 ONLY)	
151	X-2109-637-1	BEZEL ASSEMBLY (32) (KDL-32S2000 ALL EXCEPT SN 7,000,000 to 7,999,999)	
151	X-2108-494-1	BEZEL ASSEMBLY (40) (KDL-40S2000 SN 7,000,000 to 7,999,999 ONLY)	
151	X-2109-639-1	BEZEL ASSEMBLY (40) (KDL-40S2000 ALL EXCEPT SN 7,000,000 to 7,999,999)	

REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES
152	1-802-061-13	LCD PANEL (26WXGA+TFT) (KDL-26S2000 ONLY)	[153]
152	1-802-060-12	LCD PANEL (32WXGA+TFT) (KDL-32S2000 ONLY)	[153]
152	1-802-059-11	LCD PANEL (40WXGA+TFT) (KDL-40S2000 ONLY)	[153]
☛153	1-789-507-11	ETC-INVERTER MT BOARD (KDL-26S2000 ONLY)	
☛153	1-789-504-11	ETC-INVERTER MT BOARD (KDL-32S2000 ONLY)	
☛153	1-789-500-11	ETC-INVERTER MT BOARD (KDL-40S2000 ONLY)	
154	2-688-062-01	TAPE (LCD)	

SECTION 5: ELECTRICAL PARTS LIST

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

AU

RESISTORS
- All resistors are in ohms
- F : nonflammable
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

When ordering parts by reference number, please include the board name.

AU

* A-1192-415-D AU BOARD, COMPLETE

CAPACITOR

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C2013	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C2015	1-117-681-11	ELECT CHIP	100µF	20%	16V
C2016	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C2017	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C2018	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C2019	1-124-779-00	ELECT CHIP	10µF	20%	16V
C2020	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C2021	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C2023	1-117-681-11	ELECT CHIP	100µF	20%	16V
C2024	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C2025	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C2026	1-125-889-91	CERAMIC CHIP	2.2µF	10%	10V
C6001	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6003	1-117-681-11	ELECT CHIP	100µF	20%	16V
C6005	1-164-227-11	CERAMIC CHIP	0.022µF	10%	25V
C6006	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6009	1-100-743-91	CERAMIC CHIP	2.2µF	20%	16V
C6011	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6014	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C6015	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6016	1-164-227-11	CERAMIC CHIP	0.022µF	10%	25V
C6017	1-126-204-11	ELECT CHIP	47µF	20%	16V
C6018	1-100-743-91	CERAMIC CHIP	2.2µF	20%	16V
C6019	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C6020	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C6022	1-127-760-11	CERAMIC CHIP	4.7µF	10%	6.3V
C6023	1-128-995-21	ELECT CHIP	100µF	20%	10V
C6024	1-115-416-11	CERAMIC CHIP	0.001µF	5%	25V
C6025	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6026	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6027	1-117-681-11	ELECT CHIP	100µF	20%	16V
C7004	1-162-906-11	CERAMIC CHIP	1.5pF	0.25pF	50V
C7005	1-162-906-11	CERAMIC CHIP	1.5pF	0.25pF	50V
C7010	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V
C7011	1-126-396-11	ELECT CHIP	47µF	20%	16V
C7014	1-162-962-11	CERAMIC CHIP	470pF	10%	50V
C7015	1-162-960-11	CERAMIC CHIP	220pF	10%	50V
C7019	1-126-394-11	ELECT CHIP	10µF	20%	16V
C7020	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7021	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7023	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7024	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7025	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7027	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7028	1-126-396-11	ELECT CHIP	47µF	20%	16V
C7029	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7030	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7033	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7034	1-124-779-00	ELECT CHIP	10µF	20%	16V
C7035	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7036	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7037	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7038	1-126-394-11	ELECT CHIP	10µF	20%	16V
C7039	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7040	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V
C7042	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C7043	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7044	1-126-204-11	ELECT CHIP	47µF	20%	16V
C7045	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C7046	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V

AU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7047	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C7048	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C7051	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7052	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7053	1-126-394-11	ELECT CHIP	10µF	20%	16V
C7054	1-126-394-11	ELECT CHIP	10µF	20%	16V
C7055	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7056	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C7057	1-126-396-11	ELECT CHIP	47µF	20%	16V
C7060	1-115-416-11	CERAMIC CHIP	0.001µF	5%	25V
C7061	1-115-416-11	CERAMIC CHIP	0.001µF	5%	25V
C7062	1-115-416-11	CERAMIC CHIP	0.001µF	5%	25V
C7063	1-115-416-11	CERAMIC CHIP	0.001µF	5%	25V
C7064	1-115-416-11	CERAMIC CHIP	0.001µF	5%	25V
C7065	1-115-416-11	CERAMIC CHIP	0.001µF	5%	25V
C7072	1-128-536-11	ELECT CHIP	100µF	20%	25V
C7073	1-126-396-11	ELECT CHIP	47µF	20%	16V
C7075	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7076	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7082	1-115-416-11	CERAMIC CHIP	0.001µF	5%	25V
C7083	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C7086	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7087	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7088	1-126-394-11	ELECT CHIP	10µF	20%	16V
C7089	1-126-394-11	ELECT CHIP	10µF	20%	16V
C7090	1-126-394-11	ELECT CHIP	10µF	20%	16V
C7091	1-126-394-11	ELECT CHIP	10µF	20%	16V
C7092	1-162-965-11	CERAMIC CHIP	0.0015µF	10%	50V
C7093	1-164-217-11	CERAMIC CHIP	150pF	5%	50V
C7094	1-164-217-11	CERAMIC CHIP	150pF	5%	50V
C7095	1-162-965-11	CERAMIC CHIP	0.0015µF	10%	50V
C7096	1-162-965-11	CERAMIC CHIP	0.0015µF	10%	50V
C7097	1-164-217-11	CERAMIC CHIP	150pF	5%	50V
C7098	1-164-217-11	CERAMIC CHIP	150pF	5%	50V
C7099	1-162-965-11	CERAMIC CHIP	0.0015µF	10%	50V
C7100	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V
C7101	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V
C7102	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V
C7103	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V
C7104	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V
C7105	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V
C7106	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V
C7107	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V
C7108	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V
C7109	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C7110	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C7111	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C7112	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C7113	1-112-797-11	ELECT CHIP	470µF	20%	25V
C7114	1-112-800-11	ELECT CHIP	100µF	20%	35V
C7115	1-112-800-11	ELECT CHIP	100µF	20%	35V
C7116	1-112-800-11	ELECT CHIP	100µF	20%	35V
C7117	1-112-800-11	ELECT CHIP	100µF	20%	35V
C7118	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7119	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7120	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7121	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7123	1-125-827-91	CERAMIC CHIP	1µF	10%	25V
C7124	1-125-827-91	CERAMIC CHIP	1µF	10%	25V
C7125	1-125-827-91	CERAMIC CHIP	1µF	10%	25V
C7126	1-125-827-91	CERAMIC CHIP	1µF	10%	25V
C7127	1-100-591-91	CERAMIC CHIP	1µF	10%	25V
C7128	1-100-591-91	CERAMIC CHIP	1µF	10%	25V
C7147	1-100-591-91	CERAMIC CHIP	1µF	10%	25V
C7148	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7600	1-124-779-00	ELECT CHIP	10µF	20%	16V
C7601	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7602	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7603	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7604	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7605	1-126-204-11	ELECT CHIP	47µF	20%	16V
C7609	1-126-394-11	ELECT CHIP	10µF	20%	16V
C7610	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7611	1-124-779-00	ELECT CHIP	10µF	20%	16V
C7612	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7613	1-124-779-00	ELECT CHIP	10µF	20%	16V
C7614	1-124-779-00	ELECT CHIP	10µF	20%	16V
C7615	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C7616	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C7617	1-126-396-11	ELECT CHIP	47µF	20%	16V

AU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7618	1-126-396-11	ELECT CHIP	47µF	20%	16V
C7619	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C9005	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C9006	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C9007	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C9008	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C9014	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C9015	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C9016	1-125-891-11	CERAMIC CHIP	0.47µF	10%	10V
C9019	1-125-889-91	CERAMIC CHIP	2.2µF	10%	10V
C9020	1-125-889-91	CERAMIC CHIP	2.2µF	10%	10V
C9021	1-125-889-91	CERAMIC CHIP	2.2µF	10%	10V
C9022	1-125-889-91	CERAMIC CHIP	2.2µF	10%	10V
C9023	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C9024	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C9032	1-115-416-11	CERAMIC CHIP	0.001µF	5%	25V
C9501	1-115-416-11	CERAMIC CHIP	0.001µF	5%	25V
C9502	1-115-416-11	CERAMIC CHIP	0.001µF	5%	25V
C9505	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C9506	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C9507	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C9508	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C9509	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C9510	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C9511	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C9512	1-115-416-11	CERAMIC CHIP	0.001µF	5%	25V

CONNECTOR

CN7001	1-780-148-11	CLIP, SHIELD	
CN7002	1-780-148-11	CLIP, SHIELD	
CN7501	1-820-184-11	HEADER ASSEMBLY (PRINT PWB)	
CN7502	1-820-185-11	HEADER ASSEMBLY (PRINT PWB)	
CN7503	1-820-211-11	HEADER ASSEMBLY (FOR PWB)	
CN9001	1-820-192-11	HEADER ASSEMBLY (PRINT PWB)	15P
CN9501	1-819-390-51	FFC/FPC CONNECTOR (ZIF)	49P
CN9502	1-820-186-11	HEADER ASSEMBLY (PRINT PWB)	
CN9521	1-780-336-11	EARTH TERMINAL	
CN9522	1-780-336-11	EARTH TERMINAL	
CN9523	1-780-336-11	EARTH TERMINAL	

REF. NO.	PART NO.	DESCRIPTION	VALUES

DIODE

D6001	8-719-058-24	DIODE	RB501V-40TE-17
D7001	6-500-551-01	DIODE	MM3Z11VT1
D7004	8-719-050-37	DIODE	M1MA152WA-T1
D7005	8-719-081-97	DIODE	MMDL914T1
D7006	8-719-081-97	DIODE	MMDL914T1
D7007	8-719-081-97	DIODE	MMDL914T1
D7009	6-500-884-01	DIODE	P6SMBJ30A-5
D7010	6-500-884-01	DIODE	P6SMBJ30A-5
D7011	6-500-884-01	DIODE	P6SMBJ30A-5
D7012	6-500-884-01	DIODE	P6SMBJ30A-5
D7013	8-719-081-97	DIODE	MMDL914T1
D7602	8-719-050-37	DIODE	M1MA152WA-T1
D7603	8-719-050-37	DIODE	M1MA152WA-T1
D7604	8-719-081-97	DIODE	MMDL914T1
D7605	8-719-081-97	DIODE	MMDL914T1
D9001	8-719-977-28	DIODE	DTZ10B
D9002	8-719-977-28	DIODE	DTZ10B
D9003	8-719-977-28	DIODE	DTZ10B
D9004	8-719-977-28	DIODE	DTZ10B
D9008	8-719-977-28	DIODE	DTZ10B
D9009	8-719-977-28	DIODE	DTZ10B
D9012	8-719-977-28	DIODE	DTZ10B
D9013	8-719-977-28	DIODE	DTZ10B
D9014	8-719-977-28	DIODE	DTZ10B
D9015	8-719-977-28	DIODE	DTZ10B
D9016	8-719-977-28	DIODE	DTZ10B
D9017	8-719-977-28	DIODE	DTZ10B
D9018	8-719-977-28	DIODE	DTZ10B

FERRITE BEAD

FB7000	1-400-089-21	FERRITE	0µH
FB7001	1-400-089-21	FERRITE	0µH
FB7002	1-400-089-21	FERRITE	0µH
FB7003	1-400-089-21	FERRITE	0µH
FB7004	1-400-040-22	FERRITE	0µH
FB7005	1-400-040-22	FERRITE	0µH
FB7006	1-400-040-22	FERRITE	0µH
FB7007	1-400-040-22	FERRITE	0µH
FB7008	1-400-040-22	FERRITE	0µH
FB9003	1-216-864-11	SHORT CHIP	

AU

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

REF. NO.	PART NO.	DESCRIPTION	VALUES	
FB9100	1-400-089-21	FERRITE	0µH	
FB9101	1-216-295-91	SHORT CHIP		
	IC			
IC2001	8-752-089-33	IC	CXA2069Q-TL	
IC7001	6-709-040-01	IC	MAP4400A-QA-B2-501	
IC7003	8-759-278-58	IC	NJM4558V-TE2	
IC7007	6-709-285-01	IC	M61571AFP-DF0T	
IC7601	8-759-278-58	IC	NJM4558V-TE2	
IC7602	8-759-359-49	IC	NJM3414AV(TE2)	
	JACK			
J9001	1-780-271-11	S CONNECTOR BLOCK		
J9002	1-819-357-11	PHONO JACK		10P
J9003	1-780-373-11	TERMINAL BOARD		
	COIL			
L2002	1-469-557-21	INDUCTOR	22µH	
L2003	1-469-555-21	INDUCTOR	10µH	
L6001	1-469-555-21	INDUCTOR	10µH	
L7002	1-400-794-21	FERRITE	0µH	
L7004	1-400-794-21	FERRITE	0µH	
L7005	1-469-555-21	INDUCTOR	10µH	
L7006	1-400-794-21	FERRITE	0µH	
L7007	1-469-555-21	INDUCTOR	10µH	
L7008	1-481-083-11	INDUCTOR	22µH	
L7009	1-457-106-11	INDUCTOR	10µH	
L7010	1-457-106-11	INDUCTOR	10µH	
L7011	1-216-864-11	SHORT CHIP		
L7012	1-400-794-21	FERRITE	0µH	
L7013	1-400-794-21	FERRITE	0µH	
L9503	1-400-178-21	FERRITE	0µH	
L9504	1-400-178-21	FERRITE	0µH	
L9505	1-400-178-21	FERRITE	0µH	
L9606	1-216-295-91	SHORT CHIP		
	IC LINK			
⚠ PS7001	1-576-958-21	FUSE	4A	24V

REF. NO.	PART NO.	DESCRIPTION	VALUES
	TRANSISTOR		
Q2001	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q2002	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6001	8-729-600-22	TRANSISTOR	2SA1235-F
Q6002	8-729-600-22	TRANSISTOR	2SA1235-F
Q6004	8-729-600-22	TRANSISTOR	2SA1235-F
Q6005	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6007	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6008	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6009	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6011	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6012	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6013	8-729-600-22	TRANSISTOR	2SA1235-F
Q7002	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q7005	8-729-600-22	TRANSISTOR	2SA1235-F
Q7007	8-729-029-14	TRANSISTOR	DTC144EUA-T106
Q7008	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q7009	8-729-600-22	TRANSISTOR	2SA1235-F
Q7010	8-729-029-14	TRANSISTOR	DTC144EUA-T106
Q7011	8-729-029-14	TRANSISTOR	DTC144EUA-T106
Q7012	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
Q7013	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
Q7014	8-729-600-22	TRANSISTOR	2SA1235-F
Q7015	8-729-600-22	TRANSISTOR	2SA1235-F
Q7016	8-729-600-22	TRANSISTOR	2SA1235-F
Q7017	8-729-600-22	TRANSISTOR	2SA1235-F
Q7018	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q7019	8-729-029-14	TRANSISTOR	DTC144EUA-T106
Q7020	8-729-029-14	TRANSISTOR	DTC144EUA-T106
Q7021	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q7022	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q7602	8-729-600-22	TRANSISTOR	2SA1235-F
Q7603	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
Q7604	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
Q7605	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q7606	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
Q7607	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
Q7608	8-729-029-14	TRANSISTOR	DTC144EUA-T106
Q7609	8-729-600-22	TRANSISTOR	2SA1235-F
Q7610	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q7611	8-729-029-14	TRANSISTOR	DTC144EUA-T106

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
	RESISTOR				
R2006	1-216-809-11	METAL CHIP	100	5%	1/10W
R2007	1-216-809-11	METAL CHIP	100	5%	1/10W
R2014	1-216-864-11	SHORT CHIP			
R2015	1-216-864-11	SHORT CHIP			
R2017	1-216-864-11	SHORT CHIP			
R2019	1-216-809-11	METAL CHIP	100	5%	1/10W
R2020	1-216-809-11	METAL CHIP	100	5%	1/10W
R2023	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2024	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2027	1-216-864-11	SHORT CHIP			
R2028	1-216-864-11	SHORT CHIP			
R2030	1-216-809-11	METAL CHIP	100	5%	1/10W
R2033	1-216-864-11	SHORT CHIP			
R2034	1-216-864-11	SHORT CHIP			
R2037	1-216-817-11	METAL CHIP	470	5%	1/10W
R2038	1-216-817-11	METAL CHIP	470	5%	1/10W
R2039	1-216-864-11	SHORT CHIP			
R6001	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6002	1-216-809-11	METAL CHIP	100	5%	1/10W
R6003	1-216-864-11	SHORT CHIP			
R6004	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
R6007	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6008	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
R6009	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6012	1-216-817-11	METAL CHIP	470	5%	1/10W
R6013	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6014	1-218-889-11	METAL CHIP	56K	0.50%	1/10W
R6017	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6020	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6021	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6023	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6025	1-218-857-11	METAL CHIP	2.7K	0.50%	1/10W
R6026	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6028	1-218-861-11	METAL CHIP	3.9K	0.50%	1/10W
R6029	1-218-861-11	METAL CHIP	3.9K	0.50%	1/10W
R6030	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6032	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6033	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6034	1-216-864-11	SHORT CHIP			
R6037	1-216-821-11	METAL CHIP	1K	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6039	1-216-815-11	METAL CHIP	330	5%	1/10W
R6040	1-216-864-11	SHORT CHIP			
R6051	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6052	1-216-809-11	METAL CHIP	100	5%	1/10W
R7004	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7011	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7012	1-216-864-11	SHORT CHIP			
R7014	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7015	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7017	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7018	1-216-864-11	SHORT CHIP			
R7019	1-216-864-11	SHORT CHIP			
R7020	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7031	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R7032	1-218-875-11	METAL CHIP	15K	0.50%	1/10W
R7033	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R7034	1-218-875-11	METAL CHIP	15K	0.50%	1/10W
R7035	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7037	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7039	1-218-873-11	METAL CHIP	12K	0.50%	1/10W
R7040	1-218-875-11	METAL CHIP	15K	0.50%	1/10W
R7041	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7045	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7047	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7049	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7050	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R7054	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7055	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7056	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R7057	1-218-875-11	METAL CHIP	15K	0.50%	1/10W
R7059	1-218-875-11	METAL CHIP	15K	0.50%	1/10W
R7061	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R7062	1-218-869-11	METAL CHIP	8.2K	0.50%	1/10W
R7063	1-218-869-11	METAL CHIP	8.2K	0.50%	1/10W
R7064	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R7066	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7067	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7087	1-216-857-11	METAL CHIP	1M	5%	1/10W
R7088	1-216-837-11	METAL CHIP	22K	5%	1/10W
R7093	1-216-841-11	METAL CHIP	47K	5%	1/10W

AU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7101	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7102	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7103	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W
R7111	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7112	1-216-864-11	SHORT CHIP			
R7113	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R7114	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
R7115	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R7116	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
R7117	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7118	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7119	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7120	1-216-864-11	SHORT CHIP			
R7122	1-216-864-11	SHORT CHIP			
R7124	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7125	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7126	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R7127	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
R7128	1-218-901-11	METAL CHIP	180K	0.50%	1/10W
R7129	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R7130	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7131	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7132	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R7133	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R7134	1-216-296-11	SHORT CHIP			
R7135	1-216-296-11	SHORT CHIP			
R7136	1-216-296-11	SHORT CHIP			
R7137	1-216-296-11	SHORT CHIP			
R7138	1-216-800-11	METAL CHIP	18	5%	1/10W
R7139	1-216-800-11	METAL CHIP	18	5%	1/10W
R7140	1-216-800-11	METAL CHIP	18	5%	1/10W
R7141	1-216-800-11	METAL CHIP	18	5%	1/10W
R7142	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7143	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7144	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7145	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7146	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7147	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7152	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7153	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7154	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7155	1-216-864-11	SHORT CHIP			
R7156	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7158	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7501	1-414-445-11	FERRITE	0µH		
R7503	1-216-864-11	SHORT CHIP			
R7504	1-216-864-11	SHORT CHIP			
R7600	1-216-864-11	SHORT CHIP			
R7601	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7602	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7603	1-218-873-11	METAL CHIP	12K	0.50%	1/10W
R7604	1-218-875-11	METAL CHIP	15K	0.50%	1/10W
R7605	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7606	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7614	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7615	1-218-873-11	METAL CHIP	12K	0.50%	1/10W
R7620	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R7621	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R7622	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R7623	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R7626	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7627	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7628	1-216-844-11	METAL CHIP	82K	5%	1/10W
R7629	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R7630	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R7631	1-216-844-11	METAL CHIP	82K	5%	1/10W
R7632	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R7633	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R7634	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
R7635	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
R7636	1-216-837-11	METAL CHIP	22K	5%	1/10W
R7637	1-216-857-11	METAL CHIP	1M	5%	1/10W
R7639	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7641	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7642	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7643	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7644	1-216-813-11	METAL CHIP	220	5%	1/10W
R7646	1-216-813-11	METAL CHIP	220	5%	1/10W
R7650	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7651	1-216-864-11	SHORT CHIP			

AU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7652	1-216-864-11	SHORT CHIP			
R7653	1-216-864-11	SHORT CHIP			
R7654	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7655	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7656	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7657	1-216-837-11	METAL CHIP	22K	5%	1/10W
R7658	1-216-857-11	METAL CHIP	1M	5%	1/10W
R7659	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7660	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7661	1-216-864-11	SHORT CHIP			
R7662	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7663	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7682	1-216-864-11	SHORT CHIP			
R7683	1-216-864-11	SHORT CHIP			
R7684	1-216-864-11	SHORT CHIP			
R9004	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9005	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9006	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9007	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9008	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9009	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9010	1-216-864-11	SHORT CHIP			
R9011	1-216-864-11	SHORT CHIP			
R9012	1-216-864-11	SHORT CHIP			
R9013	1-216-864-11	SHORT CHIP			
R9014	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9015	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9016	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9017	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9018	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9019	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9020	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9021	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9022	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9023	1-216-864-11	SHORT CHIP			
R9024	1-216-864-11	SHORT CHIP			
R9025	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9026	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9027	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9028	1-218-831-11	METAL CHIP	220	0.50%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R9029	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9030	1-216-864-11	SHORT CHIP			
R9031	1-216-864-11	SHORT CHIP			
R9032	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9033	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9034	1-216-801-11	METAL CHIP	22	5%	1/10W
R9035	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9036	1-216-801-11	METAL CHIP	22	5%	1/10W
R9037	1-216-801-11	METAL CHIP	22	5%	1/10W
R9038	1-216-801-11	METAL CHIP	22	5%	1/10W
R9039	1-218-285-11	METAL CHIP	75	5%	1/10W
R9040	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9041	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9042	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9043	1-216-801-11	METAL CHIP	22	5%	1/10W
R9044	1-216-801-11	METAL CHIP	22	5%	1/10W
R9045	1-216-864-11	SHORT CHIP			
R9046	1-216-864-11	SHORT CHIP			
R9057	1-216-809-11	METAL CHIP	100	5%	1/10W
R9058	1-216-809-11	METAL CHIP	100	5%	1/10W
R9059	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9060	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9061	1-216-809-11	METAL CHIP	100	5%	1/10W
R9062	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9063	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9064	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9065	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9066	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9067	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9068	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9069	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9070	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9078	1-216-809-11	METAL CHIP	100	5%	1/10W
R9088	1-216-849-11	METAL CHIP	220K	5%	1/10W
R9089	1-216-849-11	METAL CHIP	220K	5%	1/10W
R9095	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9096	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9097	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9098	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9099	1-216-821-11	METAL CHIP	1K	5%	1/10W

NOTE: The components identified by a red outline and a mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

AU BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R9100	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9101	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9102	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9150	1-216-864-11	SHORT CHIP			
R9151	1-216-864-11	SHORT CHIP			
R9152	1-216-864-11	SHORT CHIP			
R9153	1-216-864-11	SHORT CHIP			
R9154	1-216-864-11	SHORT CHIP			
R9155	1-216-864-11	SHORT CHIP			
R9156	1-216-864-11	SHORT CHIP			
R9157	1-216-864-11	SHORT CHIP			
R9158	1-216-864-11	SHORT CHIP			
R9333	1-216-864-11	SHORT CHIP			
R9334	1-216-864-11	SHORT CHIP			
R9501	1-216-864-11	SHORT CHIP			
R9502	1-216-864-11	SHORT CHIP			
R9506	1-218-885-11	METAL CHIP	39K	0.50%	1/10W
R9542	1-216-864-11	SHORT CHIP			
	VARISTOR				
VD9025	1-802-082-11	VARISTOR	(SMD)		
VD9026	1-802-082-11	VARISTOR	(SMD)		
VD9400	1-804-988-21	VARISTOR, CHIP	(1608)		
VD9401	1-804-988-21	VARISTOR, CHIP	(1608)		
VD9402	1-804-988-21	VARISTOR, CHIP	(1608)		
VD9403	1-804-988-21	VARISTOR, CHIP	(1608)		
VD9404	1-804-988-21	VARISTOR, CHIP	(1608)		
VD9405	1-804-988-21	VARISTOR, CHIP	(1608)		
	CRYSTAL				
X7000	1-795-612-11	VIBRATOR, CRYSTAL			

BU

REF. NO.	PART NO.	DESCRIPTION
	A-1179-491-A	**BU BOARD, MOUNTED (KDL-26S2000 ONLY)**
	A-1179-492-A	**BU BOARD, MOUNTED (KDL-32S2000 ONLY)**
	A-1179-493-A	**BU BOARD, MOUNTED (KDL-40S2000 ONLY)**

CONTACT TERMINAL

A5001	1-694-974-21	CONTACT TERMINAL			

CAPACITOR

C1003	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C1004	1-162-974-11	CERAMIC CHIP	0.01µF		50V
C1005	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C1006	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C1007	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C1010	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C1011	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C1012	1-100-591-91	CERAMIC CHIP	1µF	10%	25V
C1015	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C1016	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C1017	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C1018	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C1019	1-162-912-11	CERAMIC CHIP	7pF	0.50pF	50V
C1022	1-126-392-11	ELECT CHIP	100µF	20%	6.3V
C1023	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C1024	1-126-392-11	ELECT CHIP	100µF	20%	6.3V
C1027	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C1029	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C1033	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C1035	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C1036	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C1044	1-100-591-91	CERAMIC CHIP	1µF	10%	25V
C1046	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C1047	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C1048	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C1049	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C1050	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C1051	1-126-394-11	ELECT CHIP	10µF	20%	16V
C1052	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C1053	1-126-394-11	ELECT CHIP	10µF	20%	16V

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C1054	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C1056	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C1057	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C1060	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C1061	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C1062	1-126-394-11	ELECT CHIP	10µF	20%	16V
C1063	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C1066	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C1067	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C1068	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C1069	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C1070	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C1071	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C1072	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C1073	1-126-390-11	ELECT CHIP	22µF	20%	6.3V
C1074	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C1075	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C1076	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C1079	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C1080	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C1081	1-126-391-11	ELECT CHIP	47µF	20%	6.3V
C1082	1-126-394-11	ELECT CHIP	10µF	20%	16V
C1083	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C1084	1-115-416-11	CERAMIC CHIP	0.001µF	5%	25V
C1087	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C1091	1-126-396-11	ELECT CHIP	47µF	20%	16V
C1092	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C1093	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C1094	1-117-681-11	ELECT CHIP	100µF	20%	16V
C1100	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C1110	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V
C1701	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C4700	1-117-681-11	ELECT CHIP	100µF	20%	16V
C4701	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C4702	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C5000	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5002	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5003	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5005	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5006	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C5007	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5009	1-162-905-11	CERAMIC CHIP	1pF	0.25pF	50V
C5010	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5011	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5012	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5013	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5014	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5015	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5016	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5017	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5018	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5019	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5020	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5021	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5022	1-162-905-11	CERAMIC CHIP	1pF	0.25pF	50V
C5023	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C5024	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C5025	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C5027	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C5028	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C5032	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C5033	1-117-681-11	ELECT CHIP	100µF	20%	16V
C5201	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5202	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5204	1-126-392-11	ELECT CHIP	100µF	20%	6.3V
C5205	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5208	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C5209	1-126-392-11	ELECT CHIP	100µF	20%	6.3V
C5211	1-126-392-11	ELECT CHIP	100µF	20%	6.3V
C5212	1-162-979-11	CERAMIC CHIP	0.0027µF	10%	50V
C5213	1-162-979-11	CERAMIC CHIP	0.0027µF	10%	50V
C5216	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5217	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5218	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5219	1-126-392-11	ELECT CHIP	100µF	20%	6.3V
C5220	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C5221	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5222	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5224	1-126-392-11	ELECT CHIP	100µF	20%	6.3V
C5225	1-162-960-11	CERAMIC CHIP	220pF	10%	50V

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C5226	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5230	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C5231	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5234	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C5236	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C5237	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C5239	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5240	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C5241	1-126-392-11	ELECT CHIP	100µF	20%	6.3V
C5246	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C5250	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C5252	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5253	1-126-392-11	ELECT CHIP	100µF	20%	6.3V
C5254	1-126-392-11	ELECT CHIP	100µF	20%	6.3V
C5255	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5256	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5257	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5258	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5259	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5260	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5262	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5265	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C5269	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C5270	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C5271	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C5273	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C5274	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C5278	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5279	1-125-837-91	CERAMIC CHIP	1µF	10%	6.3V
C5280	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5281	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5502	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C5503	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5504	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C5506	1-126-392-11	ELECT CHIP	100µF	20%	6.3V
C5507	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C5508	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C5510	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C5512	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5513	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C5514	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6000	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6001	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6002	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6003	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C6004	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C6005	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6006	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6008	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C6009	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6012	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6013	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C6014	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7000	1-100-591-91	CERAMIC CHIP	1µF	10%	25V
C7001	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C7002	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C7003	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C7004	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C7005	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C7006	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C7007	1-100-552-21	ELECT CHIP	10µF	20%	25V
C7008	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V
C7009	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C7010	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7011	1-128-536-11	ELECT CHIP	100µF	20%	25V
C7012	1-110-648-11	ELECT CHIP	220µF	20%	25V
C7013	1-100-591-91	CERAMIC CHIP	1µF	10%	25V
C7014	1-100-591-91	CERAMIC CHIP	1µF	10%	25V
C7015	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V
C7016	1-100-591-91	CERAMIC CHIP	1µF	10%	25V
C7017	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V
C7023	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7025	1-125-827-91	CERAMIC CHIP	1µF	10%	25V
C7026	1-125-827-91	CERAMIC CHIP	1µF	10%	25V
C7027	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7028	1-112-794-11	ELECT CHIP	470µF	20%	16V
C7030	1-112-794-11	ELECT CHIP	470µF	20%	16V
C7031	1-100-551-21	ELECT CHIP	22µF	20%	20V
C7032	1-165-673-21	ELECT CHIP	56µF	20%	10V
C7034	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V

BU

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7035	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V
C7036	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7037	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7040	1-126-392-11	ELECT CHIP	100µF	20%	6.3V
C7041	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7042	1-126-392-11	ELECT CHIP	100µF	20%	6.3V
C7045	1-131-661-21	ELECT CHIP	100µF	20%	10V
C7047	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7051	1-135-595-11	ELECT	100µF	20%	6.3V
C7052	1-165-673-21	ELECT CHIP	56µF	20%	10V
C7054	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C7056	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7057	1-127-760-11	CERAMIC CHIP	4.7µF	10%	6.3V
C7058	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7100	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C7101	1-110-648-11	ELECT CHIP	220µF	20%	25V
C7521	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C9002	1-124-779-00	ELECT CHIP	10µF	20%	16V
C9003	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C9004	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C9005	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V
C9006	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C9007	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C9008	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C9009	1-100-567-81	CERAMIC CHIP	10000pF	10%	25V
C9011	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V
C9012	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C9013	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V
C9014	1-124-779-00	ELECT CHIP	10µF	20%	16V
C9030	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C9031	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C9032	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C9033	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C9034	1-126-396-11	ELECT CHIP	47µF	20%	16V
C9035	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C9036	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C9037	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C9038	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C9039	1-115-412-11	CERAMIC CHIP	680pF	5%	25V
C9040	1-115-412-11	CERAMIC CHIP	680pF	5%	25V
C9042	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V

REF. NO.	PART NO.	DESCRIPTION	VALUES
	CONNECTOR		
CN1001	1-819-390-51	FFC/FPC CONNECTOR (ZIF)	49P
CN1003	1-779-331-51	CONNECTOR, FFC/FPC 14P	
CN1004	1-779-936-51	CONNECTOR, FFC/FPC 18P	
CN1008	1-820-187-11	HEADER ASSEMBLY (PRINT PWB)	10P
CN1700	1-820-187-11	HEADER ASSEMBLY (PRINT PWB)	10P
CN4702	1-820-252-51	FFC/FPC CONNECTOR (ZIF)	40P
CN7002	1-780-336-11	EARTH TERMINAL	
CN7003	1-780-336-11	EARTH TERMINAL	
CN7004	1-780-336-11	EARTH TERMINAL	
CN7005	1-780-336-11	EARTH TERMINAL	
CN7008	1-820-186-11	HEADER ASSEMBLY (PRINT PWB)	
CN7009	1-820-184-11	HEADER ASSEMBLY (PRINT PWB)	
CN9000	1-818-737-11	HDMI CONNECTOR	
	DIODE		
D1002	8-719-058-24	DIODE	RB501V-40TE-17
D1006	8-719-081-97	DIODE	MMDL914T1
D1007	8-719-077-59	DIODE	1PS302
D1020	8-719-036-94	DIODE	RD5.6SB-T1
D1021	8-719-036-94	DIODE	RD5.6SB-T1
D6000	8-719-036-94	DIODE	RD5.6SB-T1
D6001	8-719-036-94	DIODE	RD5.6SB-T1
D6002	8-719-036-94	DIODE	RD5.6SB-T1
D6003	8-719-050-38	DIODE	M1MA152WK-T1
D7000	8-719-081-97	DIODE	MMDL914T1
D7001	6-501-336-01	DIODE	RSX201L-30TE25
D7003	8-719-081-97	DIODE	MMDL914T1
D7004	8-719-072-43	DIODE	RB050L-40TE25
D7005	8-719-072-43	DIODE	RB050L-40TE25
D7006	6-501-336-01	DIODE	RSX201L-30TE25
D7008	8-719-068-71	DIODE	PTZ-TE25-13A
D7009	8-719-073-69	DIODE	PTZ-TE25-6.2A
D7010	8-719-056-83	DIODE	UDZ-TE-17-6.8B
D7014	8-719-056-83	DIODE	UDZ-TE-17-6.8B
D7500	8-719-056-84	DIODE	UDZ-TE-17-7.5B
D7508	8-719-081-97	DIODE	MMDL914T1
D7509	8-719-081-97	DIODE	MMDL914T1
D7510	8-719-081-97	DIODE	MMDL914T1
D9004	8-719-081-97	DIODE	MMDL914T1
D9013	8-719-081-97	DIODE	MMDL914T1

BU

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	REF. NO.	PART NO.	DESCRIPTION	VALUES	
	D9014	8-719-050-37	DIODE	M1MA152WA-T1	
	D9015	8-719-081-97	DIODE	MMDL914T1	
		FUSE			
⚠	F7000	1-576-603-21	FUSE	3.15A	24V
		FERRITE BEAD			
	FB1001	1-414-227-11	FERRITE	0µH	
	FB1002	1-400-110-21	FERRITE	0µH	
	FB1004	1-400-110-21	FERRITE	0µH	
	FB1005	1-400-110-21	FERRITE	0µH	
	FB1006	1-400-110-21	FERRITE	0µH	
	FB1007	1-400-110-21	FERRITE	0µH	
	FB1720	1-400-141-22	FERRITE	0µH	
	FB1721	1-400-141-22	FERRITE	0µH	
	FB5201	1-400-794-21	FERRITE	0µH	
	FB6000	1-469-100-21	FERRITE	0µH	
	FB6001	1-469-100-21	FERRITE	0µH	
	FB6002	1-469-100-21	FERRITE	0µH	
	FB6004	1-469-100-21	FERRITE	0µH	
	FB6005	1-400-141-22	FERRITE	0µH	
	FB7001	1-414-445-11	FERRITE	0µH	
	FB7002	1-414-445-11	FERRITE	0µH	
	FB7003	1-414-445-11	FERRITE	0µH	
	FB7005	1-400-110-21	FERRITE	0µH	
	FB7006	1-400-110-21	FERRITE	0µH	
	FB7007	1-400-110-21	FERRITE	0µH	
	FB7008	1-400-110-21	FERRITE	0µH	
	FB7011	1-400-794-21	FERRITE	0µH	
	FB9000	1-469-094-21	FERRITE	0µH	
		FILTER			
	FL1001	1-234-177-21	FERRITE	0µH	
	FL5201	1-234-177-21	FERRITE	0µH	
	FL5203	1-234-177-21	FERRITE	0µH	
	FL5206	1-234-177-21	FERRITE	0µH	
	FL5207	1-234-177-21	FERRITE	0µH	
	FL5500	1-234-177-21	FERRITE	0µH	
	FL5501	1-234-177-21	FERRITE	0µH	
	FL9000	1-234-177-21	FERRITE	0µH	
	FL9001	1-234-177-21	FERRITE	0µH	

	REF. NO.	PART NO.	DESCRIPTION	VALUES
		IC		
	IC1001	6-708-219-01	IC	MB91305PMC-G-BNDE1
	IC1002	6-806-427-06	IC	S29AL016D70TFI010-WAX2U6
	IC1004	6-703-175-01	IC	PST3629UL
	IC1005	6-702-985-01	IC	M24256-BWMN6T
	IC1006	6-709-512-01	IC	S-1132B18-M5T1G
	IC1007	6-706-815-01	IC	TMP75AIDR
	IC1008	8-759-549-03	IC	SN74LV132APWR
	IC1009	6-709-517-01	IC	S-35390A-J8T1G
	IC1010	8-759-460-79	IC	BA09FP-E2
	IC5201	8-759-651-59	IC	SN74CBTLV3245APWR
	IC5202	8-759-651-59	IC	SN74CBTLV3245APWR
	IC5203	6-706-491-01	IC	TC7SH86FU(T5RSOYJF)
	IC5500	6-707-822-01	IC	EM6A9320BI-5MG
	IC6000	6-704-600-01	IC	M24C02-WMN6T(B)
	IC6001	8-759-679-54	IC	SN74LVC14APWR
⚠	IC7000	6-707-927-01	IC	BD9775FV
	IC7001	6-709-441-01	IC	SI8008TM-TL
	IC7002	6-709-441-01	IC	SI8008TM-TL
	IC7004	6-708-862-01	IC	MM1662FTRE
	IC7005	6-705-469-01	IC	BA50BC0FP-E2
	IC9000	6-704-819-01	IC	CS4335-KSZR
	IC9001	6-704-001-01	IC	BR24L02F-WE2
	IC9002	6-708-758-01	IC	PCA9517DP.118
*	IC9711	6-703-108-01	IC	SN74LVC2G04DCKR
		JACK		
	J6000	1-750-925-11	JACK (SMALL TYPE)	
	J9000	1-820-304-11	PHONE JACK	2P
		COIL		
	L1002	1-400-794-21	FERRITE	0µH
	L5000	1-456-984-11	INDUCTOR	0µH
	L5001	1-456-984-11	INDUCTOR	0µH
	L5002	1-456-984-11	INDUCTOR	0µH
	L5003	1-456-984-11	INDUCTOR	0µH
	L5004	1-456-984-11	INDUCTOR	0µH
	L5005	1-400-177-21	FERRITE	0µH
	L5006	1-469-561-21	INDUCTOR	100µH
	L5201	1-400-794-21	FERRITE	0µH
	L5202	1-412-054-21	INDUCTOR	2.2µH

BU

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	REF. NO.	PART NO.	DESCRIPTION	VALUES
	L5203	1-469-551-21	INDUCTOR	2.2µH
	L5205	1-469-551-21	INDUCTOR	2.2µH
	L5206	1-469-551-21	INDUCTOR	2.2µH
	L5500	1-400-794-21	FERRITE	0µH
	L5501	1-400-794-21	FERRITE	0µH
	L7000	1-416-740-11	INDUCTOR	10µH
	L7001	1-457-041-21	INDUCTOR	10µH
	L7002	1-481-081-11	INDUCTOR	47µH
	L7003	1-481-080-11	INDUCTOR	22µH
	L7004	1-481-083-11	INDUCTOR	22µH
	L7005	1-456-786-21	INDUCTOR	47µH
	L7006	1-412-056-11	INDUCTOR	4.7µH
	L7007	1-416-740-11	INDUCTOR	10µH
*	L9000	1-813-308-11	INDUCTOR	0µH
*	L9001	1-813-308-11	INDUCTOR	0µH
*	L9002	1-813-308-11	INDUCTOR	0µH
*	L9003	1-813-308-11	INDUCTOR	0µH
	L9004	1-469-555-21	INDUCTOR	10µH
	L9005	1-469-555-21	INDUCTOR	10µH

IC LINK

	PS6000	1-576-122-21	IC LINK	0.4A	72V
⚠	PS7000	1-576-603-21	FUSE	3.15A	24V

TRANSISTOR

	Q1001	6-551-387-01	TRANSISTOR	SSM6N16FU
	Q1002	8-729-029-00	TRANSISTOR	DTC115EUA-T106
	Q1003	8-729-028-74	TRANSISTOR	DTA114TUA-T106
	Q1004	8-729-013-28	TRANSISTOR	HN1B01FU-TE85R
	Q1005	8-729-028-74	TRANSISTOR	DTA114TUA-T106
	Q1006	8-729-029-04	TRANSISTOR	DTC123JUA-T106
	Q1007	8-729-028-96	TRANSISTOR	DTC114EUA-T106
	Q5000	8-729-602-36	TRANSISTOR	2SA1602-F
	Q5001	8-729-602-36	TRANSISTOR	2SA1602-F
	Q6000	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q6001	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q7000	8-729-046-04	TRANSISTOR	FDS6690A
	Q7001	6-550-828-01	TRANSISTOR	RSQ035P03TR
	Q7005	6-550-851-01	TRANSISTOR	RSS050P03FTB
	Q7006	8-729-029-00	TRANSISTOR	DTC115EUA-T106
	Q7007	8-729-602-21	TRANSISTOR	2SC4154-F
	Q7008	8-729-028-96	TRANSISTOR	DTC114EUA-T106
*	Q7009	6-550-663-01	TRANSISTOR	RSS100N03TB
	Q7500	8-729-028-96	TRANSISTOR	DTC114EUA-T106
	Q7502	8-729-028-96	TRANSISTOR	DTC114EUA-T106
	Q7503	8-729-028-96	TRANSISTOR	DTC114EUA-T106
	Q7504	8-729-028-96	TRANSISTOR	DTC114EUA-T106
	Q7505	8-729-028-96	TRANSISTOR	DTC114EUA-T106
	Q7506	8-729-028-96	TRANSISTOR	DTC114EUA-T106
	Q9000	8-729-028-96	TRANSISTOR	DTC114EUA-T106
	Q9001	8-729-025-28	TRANSISTOR	2SK1828
	Q9003	8-729-028-96	TRANSISTOR	DTC114EUA-T106
	Q9004	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q9005	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q9006	8-729-028-96	TRANSISTOR	DTC114EUA-T106
	Q9007	6-551-364-01	TRANSISTOR	DTC614TUT106
	Q9008	6-551-364-01	TRANSISTOR	DTC614TUT106
	Q9009	8-729-600-22	TRANSISTOR	2SA1235-F
	Q9010	8-729-120-28	TRANSISTOR	2SC1623-L5L6

RESISTOR

	R1001	1-216-864-11	SHORT CHIP		
	R1002	1-218-990-81	SHORT CHIP		
	R1005	1-208-683-11	METAL CHIP	1K	0.50% 1/16W
	R1007	1-216-864-11	SHORT CHIP		
	R1010	1-218-990-81	SHORT CHIP		
	R1011	1-216-864-11	SHORT CHIP		
	R1012	1-216-864-11	SHORT CHIP		
	R1013	1-216-801-11	METAL CHIP	22	5% 1/10W
	R1014	1-216-801-11	METAL CHIP	22	5% 1/10W
	R1015	1-216-864-11	SHORT CHIP		
	R1016	1-216-801-11	METAL CHIP	22	5% 1/10W
	R1017	1-216-801-11	METAL CHIP	22	5% 1/10W
	R1018	1-216-864-11	SHORT CHIP		
	R1019	1-216-864-11	SHORT CHIP		
	R1021	1-216-801-11	METAL CHIP	22	5% 1/10W
	R1022	1-216-801-11	METAL CHIP	22	5% 1/10W
	R1023	1-216-801-11	METAL CHIP	22	5% 1/10W
	R1024	1-216-801-11	METAL CHIP	22	5% 1/10W
	R1025	1-216-864-11	SHORT CHIP		
	R1026	1-216-801-11	METAL CHIP	22	5% 1/10W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R1027	1-400-591-22	FERRITE	0µH		
R1031	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R1032	1-400-807-21	FERRITE	0µH		
R1034	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R1035	1-216-864-11	SHORT CHIP			
R1036	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1037	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R1038	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1045	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1046	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R1047	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R1048	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R1049	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1052	1-218-941-81	RES-CHIP	100	5%	1/16W
R1053	1-218-990-81	SHORT CHIP			
R1058	1-218-990-81	SHORT CHIP			
R1061	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1064	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1065	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1066	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1070	1-216-864-11	SHORT CHIP			
R1073	1-218-990-81	SHORT CHIP			
R1075	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1076	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1078	1-218-990-81	SHORT CHIP			
R1079	1-400-807-21	FERRITE	0µH		
R1080	1-400-807-21	FERRITE	0µH		
R1081	1-400-807-21	FERRITE	0µH		
R1082	1-400-807-21	FERRITE	0µH		
R1083	1-400-807-21	FERRITE	0µH		
R1084	1-400-807-21	FERRITE	0µH		
R1085	1-400-807-21	FERRITE	0µH		
R1087	1-216-864-11	SHORT CHIP			
R1101	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R1107	1-218-941-81	RES-CHIP	100	5%	1/16W
R1108	1-218-941-81	RES-CHIP	100	5%	1/16W
R1109	1-218-941-81	RES-CHIP	100	5%	1/16W
R1110	1-218-941-81	RES-CHIP	100	5%	1/16W
R1111	1-218-933-11	RES-CHIP	22	5%	1/16W
R1112	1-218-941-81	RES-CHIP	100	5%	1/16W
R1113	1-218-933-11	RES-CHIP	22	5%	1/16W
R1115	1-218-941-81	RES-CHIP	100	5%	1/16W
R1116	1-218-990-81	SHORT CHIP			
R1117	1-218-941-81	RES-CHIP	100	5%	1/16W
R1119	1-218-941-81	RES-CHIP	100	5%	1/16W
R1122	1-216-864-11	SHORT CHIP			
R1123	1-216-864-11	SHORT CHIP			
R1124	1-216-864-11	SHORT CHIP			
R1125	1-216-864-11	SHORT CHIP			
R1144	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R1147	1-218-941-81	RES-CHIP	100	5%	1/16W
R1158	1-218-941-81	RES-CHIP	100	5%	1/16W
R1160	1-218-941-81	RES-CHIP	100	5%	1/16W
R1161	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1162	1-218-973-11	RES-CHIP	47K	5%	1/16W
R1163	1-218-941-81	RES-CHIP	100	5%	1/16W
R1164	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1165	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1167	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1168	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1169	1-216-864-11	SHORT CHIP			
R1170	1-400-794-21	FERRITE	0µH		
R1180	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1186	1-218-990-81	SHORT CHIP			
R1188	1-218-990-81	SHORT CHIP			
R1190	1-208-886-81	METAL CHIP	910	0.50%	1/16W
R1191	1-218-969-11	RES-CHIP	22K	5%	1/16W
R1192	1-218-941-81	RES-CHIP	100	5%	1/16W
R1193	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1195	1-218-990-81	SHORT CHIP			
R1196	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1198	1-218-990-81	SHORT CHIP			
R1199	1-218-941-81	RES-CHIP	100	5%	1/16W
R1205	1-218-990-81	SHORT CHIP			
R1206	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1207	1-218-949-11	RES-CHIP	470	5%	1/16W
R1208	1-218-990-81	SHORT CHIP			
R1209	1-218-990-81	SHORT CHIP			
R1210	1-218-949-11	RES-CHIP	470	5%	1/16W
R1211	1-218-965-11	RES-CHIP	10K	5%	1/16W

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R1212	1-218-949-11	RES-CHIP	470	5%	1/16W
R1218	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R1223	1-218-945-11	RES-CHIP	220	5%	1/16W
R1224	1-218-990-81	SHORT CHIP			
R1225	1-218-937-11	RES-CHIP	47	5%	1/16W
R1226	1-216-813-11	METAL CHIP	220	5%	1/10W
R1227	1-218-937-11	RES-CHIP	47	5%	1/16W
R1235	1-216-864-11	SHORT CHIP			
R1239	1-216-864-11	SHORT CHIP			
R1240	1-216-849-11	METAL CHIP	220K	5%	1/10W
R1242	1-218-941-81	RES-CHIP	100	5%	1/16W
R1243	1-216-809-11	METAL CHIP	100	5%	1/10W
R1246	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1247	1-216-864-11	SHORT CHIP			
R1255	1-400-591-22	FERRITE	0µH		
R1256	1-400-591-22	FERRITE	0µH		
R1257	1-400-591-22	FERRITE	0µH		
R1258	1-400-591-22	FERRITE	0µH		
R1259	1-400-591-22	FERRITE	0µH		
R1260	1-400-591-22	FERRITE	0µH		
R1261	1-400-591-22	FERRITE	0µH		
R1262	1-400-591-22	FERRITE	0µH		
R1263	1-400-591-22	FERRITE	0µH		
R1264	1-400-591-22	FERRITE	0µH		
R1265	1-400-591-22	FERRITE	0µH		
R1266	1-216-864-11	SHORT CHIP			
R1267	1-400-591-22	FERRITE	0µH		
R1270	1-218-941-81	RES-CHIP	100	5%	1/16W
R1290	1-218-990-81	SHORT CHIP			
R1295	1-208-721-11	METAL CHIP	39K	0.50%	1/16W
R1701	1-216-848-11	METAL CHIP	180K	5%	1/10W
R1702	1-216-809-11	METAL CHIP	100	5%	1/10W
R1707	1-218-990-81	SHORT CHIP			
R1708	1-218-990-81	SHORT CHIP			
R1709	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1710	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1711	1-218-983-11	RES-CHIP	330K	5%	1/16W
R4711	1-218-937-11	RES-CHIP	47	5%	1/16W
R4712	1-218-937-11	RES-CHIP	47	5%	1/16W
R4713	1-218-933-11	RES-CHIP	22	5%	1/16W
R4714	1-218-937-11	RES-CHIP	47	5%	1/16W
R4715	1-216-295-91	SHORT CHIP			
R5000	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5002	1-218-949-11	RES-CHIP	470	5%	1/16W
R5003	1-218-990-81	SHORT CHIP			
R5004	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5007	1-218-949-11	RES-CHIP	470	5%	1/16W
R5008	1-218-990-81	SHORT CHIP			
R5009	1-218-989-11	RES-CHIP	1M	5%	1/16W
R5010	1-218-935-11	RES-CHIP	33	5%	1/16W
R5011	1-218-941-81	RES-CHIP	100	5%	1/16W
R5012	1-218-941-81	RES-CHIP	100	5%	1/16W
R5013	1-218-941-81	RES-CHIP	100	5%	1/16W
R5014	1-218-941-81	RES-CHIP	100	5%	1/16W
R5016	1-218-941-81	RES-CHIP	100	5%	1/16W
R5017	1-218-941-81	RES-CHIP	100	5%	1/16W
R5025	1-218-990-81	SHORT CHIP			
R5026	1-216-864-11	SHORT CHIP			
R5027	1-216-864-11	SHORT CHIP			
R5029	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5031	1-218-941-81	RES-CHIP	100	5%	1/16W
R5039	1-218-990-81	SHORT CHIP			
R5040	1-218-990-81	SHORT CHIP			
R5042	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5043	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5044	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5045	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5046	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5047	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5210	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5211	1-218-990-81	SHORT CHIP			
R5212	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5214	1-218-933-11	RES-CHIP	22	5%	1/16W
R5215	1-218-933-11	RES-CHIP	22	5%	1/16W
R5218	1-216-864-11	SHORT CHIP			
R5221	1-216-864-11	SHORT CHIP			
R5222	1-216-864-11	SHORT CHIP			
R5223	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5224	1-218-990-81	SHORT CHIP			
R5225	1-218-965-11	RES-CHIP	10K	5%	1/16W

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R5226	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5500	1-400-794-21	FERRITE	0µH		
R5503	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R5504	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R5505	1-218-990-81	SHORT CHIP			
R5506	1-211-986-11	METAL CHIP	51	0.50%	1/10W
R5507	1-218-990-81	SHORT CHIP			
R5508	1-218-933-11	RES-CHIP	22	5%	1/16W
R5509	1-211-986-11	METAL CHIP	51	0.50%	1/10W
R5510	1-218-933-11	RES-CHIP	22	5%	1/16W
R5511	1-218-933-11	RES-CHIP	22	5%	1/16W
R5512	1-218-933-11	RES-CHIP	22	5%	1/16W
R5513	1-218-933-11	RES-CHIP	22	5%	1/16W
R5514	1-218-933-11	RES-CHIP	22	5%	1/16W
R5515	1-218-933-11	RES-CHIP	22	5%	1/16W
R5516	1-218-933-11	RES-CHIP	22	5%	1/16W
R5517	1-218-933-11	RES-CHIP	22	5%	1/16W
R5518	1-218-933-11	RES-CHIP	22	5%	1/16W
R5519	1-218-933-11	RES-CHIP	22	5%	1/16W
R6000	1-216-805-11	METAL CHIP	47	5%	1/10W
R6001	1-216-805-11	METAL CHIP	47	5%	1/10W
R6004	1-216-853-11	METAL CHIP	470K	5%	1/10W
R6005	1-216-853-11	METAL CHIP	470K	5%	1/10W
R6006	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6007	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6008	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6009	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6010	1-216-805-11	METAL CHIP	47	5%	1/10W
R6011	1-216-805-11	METAL CHIP	47	5%	1/10W
R6012	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R6013	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R6014	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R6015	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R6016	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6017	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R6018	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R6019	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6021	1-216-801-11	METAL CHIP	22	5%	1/10W
R6022	1-216-801-11	METAL CHIP	22	5%	1/10W
R6023	1-216-801-11	METAL CHIP	22	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6029	1-218-933-11	RES-CHIP	22	5%	1/16W
R6030	1-218-933-11	RES-CHIP	22	5%	1/16W
R6041	1-216-847-11	METAL CHIP	150K	5%	1/10W
R6042	1-216-847-11	METAL CHIP	150K	5%	1/10W
R6043	1-216-847-11	METAL CHIP	150K	5%	1/10W
R6044	1-216-847-11	METAL CHIP	150K	5%	1/10W
R6045	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6046	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7000	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R7001	1-218-877-11	METAL CHIP	18K	0.50%	1/10W
R7002	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7003	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7004	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7005	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R7006	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
R7007	1-218-881-11	METAL CHIP	27K	0.50%	1/10W
R7008	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
R7009	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7010	1-218-875-11	METAL CHIP	15K	0.50%	1/10W
R7011	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
R7012	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7013	1-218-882-11	METAL CHIP	30K	0.50%	1/10W
R7014	1-216-809-11	METAL CHIP	100	5%	1/10W
R7015	1-216-809-11	METAL CHIP	100	5%	1/10W
R7016	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7017	1-216-815-11	METAL CHIP	330	5%	1/10W
R7019	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7020	1-216-864-11	SHORT CHIP			
R7021	1-216-837-11	METAL CHIP	22K	5%	1/10W
R7022	1-216-864-11	SHORT CHIP			
R7023	1-216-864-11	SHORT CHIP			
R7024	1-216-837-11	METAL CHIP	22K	5%	1/10W
R7025	1-216-864-11	SHORT CHIP			
R7026	1-216-864-11	SHORT CHIP			
R7027	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7028	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7029	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7030	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7031	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
R7032	1-218-843-11	METAL CHIP	680	0.50%	1/10W

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7035	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R7036	1-218-845-11	METAL CHIP	820	0.50%	1/10W
R7040	1-216-295-91	SHORT CHIP			
R7041	1-400-794-21	FERRITE	0µH		
R7045	1-216-295-91	SHORT CHIP			
R7046	1-216-295-91	SHORT CHIP			
R7048	1-216-295-91	SHORT CHIP			
R7050	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7051	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R7053	1-218-859-11	METAL CHIP	3.3K	0.50%	1/10W
R7054	1-218-859-11	METAL CHIP	3.3K	0.50%	1/10W
R7055	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7056	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7057	1-216-843-11	METAL CHIP	68K	5%	1/10W
R7058	1-216-851-11	METAL CHIP	330K	5%	1/10W
R7060	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7063	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7064	1-216-864-11	SHORT CHIP			
R7066	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7067	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
R7080	1-400-591-22	FERRITE	0µH		
R7081	1-400-591-22	FERRITE	0µH		
R7082	1-400-591-22	FERRITE	0µH		
R7083	1-400-591-22	FERRITE	0µH		
R7506	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7507	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7510	1-216-864-11	SHORT CHIP			
R7515	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7516	1-216-840-11	METAL CHIP	39K	5%	1/10W
R7517	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7518	1-216-847-11	METAL CHIP	150K	5%	1/10W
R7542	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7543	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7544	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7545	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7546	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9001	1-216-805-11	METAL CHIP	47	5%	1/10W
R9002	1-216-805-11	METAL CHIP	47	5%	1/10W
R9003	1-216-805-11	METAL CHIP	47	5%	1/10W
R9004	1-216-805-11	METAL CHIP	47	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R9005	1-218-929-11	RES-CHIP	10	5%	1/16W
R9006	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R9007	1-218-990-81	SHORT CHIP			
R9008	1-218-990-81	SHORT CHIP			
R9009	1-218-990-81	SHORT CHIP			
R9010	1-216-864-11	SHORT CHIP			
R9011	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9012	1-216-853-11	METAL CHIP	470K	5%	1/10W
R9013	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R9014	1-216-864-11	SHORT CHIP			
R9015	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9016	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9017	1-218-941-81	RES-CHIP	100	5%	1/16W
R9018	1-218-941-81	RES-CHIP	100	5%	1/16W
R9019	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9020	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9022	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9025	1-218-941-81	RES-CHIP	100	5%	1/16W
R9031	1-218-929-11	RES-CHIP	10	5%	1/16W
R9032	1-218-929-11	RES-CHIP	10	5%	1/16W
R9033	1-218-929-11	RES-CHIP	10	5%	1/16W
R9034	1-218-929-11	RES-CHIP	10	5%	1/16W
R9035	1-218-929-11	RES-CHIP	10	5%	1/16W
R9036	1-218-929-11	RES-CHIP	10	5%	1/16W
R9037	1-218-929-11	RES-CHIP	10	5%	1/16W
R9038	1-218-929-11	RES-CHIP	10	5%	1/16W
R9040	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9041	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9044	1-218-937-11	RES-CHIP	47	5%	1/16W
R9045	1-218-937-11	RES-CHIP	47	5%	1/16W
R9046	1-218-937-11	RES-CHIP	47	5%	1/16W
R9047	1-216-295-91	SHORT CHIP			
R9048	1-218-937-11	RES-CHIP	47	5%	1/16W
R9051	1-218-937-11	RES-CHIP	47	5%	1/16W
R9060	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R9061	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R9062	1-216-847-11	METAL CHIP	150K	5%	1/10W
R9063	1-216-847-11	METAL CHIP	150K	5%	1/10W
R9064	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9065	1-216-847-11	METAL CHIP	150K	5%	1/10W

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BU G1 G2

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R9066	1-216-847-11	METAL CHIP	150K	5%	1/10W
R9067	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9070	1-218-953-11	RES-CHIP	1K	5%	1/16W
R9071	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9072	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9073	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9074	1-218-969-11	RES-CHIP	22K	5%	1/16W
R9075	1-218-989-11	RES-CHIP	1M	5%	1/16W
R9076	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9944	1-216-295-91	SHORT CHIP			

RESISTOR BRIDGE

RB1004	1-234-372-11	RES, NETWORK 100	(1005X4)
RB1005	1-234-372-11	RES, NETWORK 100	(1005X4)
RB1006	1-234-372-11	RES, NETWORK 100	(1005X4)
RB1007	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB1008	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB5002	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5003	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5004	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5005	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5201	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5202	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5203	1-234-372-11	RES, NETWORK 100	(1005X4)
RB5500	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5501	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5502	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5503	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5504	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5505	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5506	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5507	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5508	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5509	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5510	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5511	1-234-370-21	RES, NETWORK 22	(1005X4)

VARISTOR

VD6000	1-802-078-11	VARISTOR	(SMD)
VD6001	1-802-078-11	VARISTOR	(SMD)
VD6002	1-802-078-11	VARISTOR	(SMD)
VD6003	1-802-078-11	VARISTOR	(SMD)
VD6004	1-802-078-11	VARISTOR	(SMD)
VD6005	1-802-078-11	VARISTOR	(SMD)
VD6006	1-802-078-11	VARISTOR	(SMD)
VD9001	1-802-078-11	VARISTOR	(SMD)
VD9002	1-802-078-11	VARISTOR	(SMD)
VD9003	6-500-701-01	DIODE	PGB1010603NR
VD9004	6-500-701-01	DIODE	PGB1010603NR
VD9005	6-500-701-01	DIODE	PGB1010603NR
VD9006	6-500-701-01	DIODE	PGB1010603NR
VD9007	6-500-701-01	DIODE	PGB1010603NR
VD9008	6-500-701-01	DIODE	PGB1010603NR
VD9010	6-500-701-01	DIODE	PGB1010603NR
VD9011	6-500-701-01	DIODE	PGB1010603NR
VD9012	6-500-701-01	DIODE	PGB1010603NR
VD9013	6-500-701-01	DIODE	PGB1010603NR

CRYSTAL

X1001	1-813-070-21	PIEZOELECTRIC OSCILLATOR
X1009	1-813-784-21	VIBRATOR, CRYSTAL
X5000	1-813-773-11	VIBRATOR, CRYSTAL

G1

⚠ **1-468-980-11 G1 BOARD, COMPLETE (POWER UNIT) (KDL-26S2000/32S2000 ONLY)**

Due to the complexity of this board, performing component level field repairs is not recommended. If service is required, complete board replacement is required.

G2

A-1169-591-E G2 BOARD, COMPLETE (KDL-40S2000 ONLY)

4-382-854-11 SCREW (M3X10), P, SW (+)

WIRE PIN

*	A6012	4-042-408-02	PIN(45), WIRE
*	A6013	4-042-408-02	PIN(45), WIRE

CAPACITOR

C6000	1-161-964-91	CERAMIC	0.0047µF		250V
C6001	1-119-892-51	CERAMIC	470pF	10%	250V
C6002	1-165-531-11	MYLAR	1µF	10	275V
C6003	1-161-964-91	CERAMIC	0.0047µF		250V
C6004	1-165-529-11	MYLAR	0.22µF	10	275V

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G2

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6005	1-119-892-51	CERAMIC	470pF	10%	250V
C6006	1-135-361-11	ELECT(BLOCK)	180µF	20%	450V
C6008	1-135-361-11	ELECT(BLOCK)	180µF	20%	450V
C6010	1-113-889-11	CERAMIC	0.001µF	20%	250V
C6012	1-113-889-11	CERAMIC	0.001µF	20%	250V
C6015	1-119-891-51	CERAMIC	220pF	10%	250V
C6016	1-119-891-51	CERAMIC	220pF	10%	250V
C6051	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6100	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6101	1-107-905-11	ELECT	4.7µF	20%	50V
C6102	1-107-910-11	ELECT	100µF	20%	50V
C6103	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6104	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6105	1-107-906-11	ELECT	10µF	20%	50V
C6108	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C6109	1-107-888-11	ELECT	47µF	20%	25V
C6111	1-100-613-81	CERAMIC	470pF	5%	1KV
C6112	1-100-310-11	FILM	18000pF	3%	800V
C6116	1-163-021-91	CERAMIC CHIP	0.01µF	10%	50V
C6200	1-164-227-11	CERAMIC CHIP	0.022µF	10%	25V
C6202	1-112-242-21	ELECT	1500µF	20%	25V
C6203	1-107-907-11	ELECT	22µF	20%	50V
C6204	1-112-242-21	ELECT	1500µF	20%	25V
C6205	1-112-242-21	ELECT	1500µF	20%	25V
C6207	1-112-242-21	ELECT	1500µF	20%	25V
C6216	1-107-928-11	ELECT	4.7µF	20%	100V
C6217	1-112-229-21	ELECT	1500µF	20%	16V
C6305	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6306	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6307	1-107-903-11	ELECT	2.2µF	20%	50V
C6308	1-107-904-11	ELECT	3.3µF	20%	50V
C6309	1-107-910-11	ELECT	100µF	20%	50V
C6310	1-100-139-31	FILM	0.001µF	5%	630V
C6314	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6315	1-165-729-31	ELECT	470µF	20%	16V
C6316	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6401	1-107-882-91	ELECT	100µF	20%	16V
C6402	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C6404	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6405	1-115-339-11	CERAMIC CHIP	0.1µF	10%	50V
C6406	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6407	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6408	1-125-891-11	CERAMIC CHIP	0.47µF	10%	10V
C6413	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6451	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6504	1-100-613-81	CERAMIC	470pF	5%	1KV
C6505	1-100-613-81	CERAMIC	470pF	5%	1KV
C6517	1-117-227-11	MYLAR	1µF	10%	450V
C6518	1-112-744-52	MYLAR	1µF	10%	450V
C6519	1-162-969-11	CERAMIC CHIP	0.0068µF	10%	25V
C6520	1-117-227-11	MYLAR	1µF	10%	450V
C6521	1-107-823-11	CERAMIC CHIP	0.47µF	10%	16V
C6522	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6523	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6525	1-115-339-11	CERAMIC CHIP	0.1µF	10%	50V
C6526	1-107-906-11	ELECT	10µF	20%	50V

CONNECTOR

CN6000	1-695-915-11	TAB (CONTACT)	
*⚠ CN6001	1-793-660-11	PIN, CONNECTOR (PC BOARD)	
CN6011	1-537-770-21	TERMINAL BOARD, GROUND	
CN6205	1-695-915-11	TAB (CONTACT)	
CN6211	1-537-770-21	TERMINAL BOARD, GROUND	
CN6214	1-537-770-21	TERMINAL BOARD, GROUND	
CN6216	1-537-770-21	TERMINAL BOARD, GROUND	

DIODE

D6000	8-719-054-89	DIODE	D15XB60
D6002	8-719-081-97	DIODE	MMDL914T1
D6003	8-719-081-97	DIODE	MMDL914T1
D6102	6-500-137-01	DIODE	BAT54HT1
D6103	8-719-979-64	DIODE	µF4005/23
D6104	6-501-043-01	DIODE	UMZ16NT106
⚠ D6105	6-501-043-01	DIODE	UMZ16NT106
D6106	8-719-081-67	DIODE	M1FM3
⚠ D6107	8-719-081-67	DIODE	M1FM3
D6108	8-719-041-97	DIODE	MA113-(TX)
D6200	8-719-057-96	DIODE	D10SC6M-4012
D6201	8-719-057-96	DIODE	D10SC6M-4012
D6202	8-719-057-96	DIODE	D10SC6M-4012
D6203	8-719-057-96	DIODE	D10SC6M-4012
D6204	6-500-567-31	DIODE	10ERB20-TB3
D6205	6-500-567-31	DIODE	10ERB20-TB3
D6207	8-719-057-96	DIODE	D10SC6M-4012
D6208	8-719-057-96	DIODE	D10SC6M-4012
D6302	6-500-567-31	DIODE	10ERB20-TB3
D6303	6-500-567-31	DIODE	10ERB20-TB3

G2

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REF. NO.	PART NO.	DESCRIPTION	VALUES	
D6304	6-500-849-01	DIODE	ERA22-08KFLB	
D6305	6-500-567-31	DIODE	10ERB20-TB3	
D6306	8-719-510-02	DIODE	D1NS4	
D6401	8-719-081-97	DIODE	MMDL914T1	
D6402	8-719-081-97	DIODE	MMDL914T1	
D6407	8-719-082-04	DIODE	MM3Z22VT1	
D6408	8-719-081-97	DIODE	MMDL914T1	
D6452	8-719-081-97	DIODE	MMDL914T1	
D6454	1-125-889-91	CERAMIC CHIP	2.2µF 10%	10V
D6456	8-719-081-97	DIODE	MMDL914T1	
D6504	1-216-295-91	SHORT CHIP		
D6505	8-719-976-99	DIODE	DTZ5.1B	
D6506	8-719-054-59	DIODE	FSF05A60	
D6507	8-719-081-97	DIODE	MMDL914T1	
D6508	6-500-108-01	DIODE	EP05FA20	
D6509	6-500-108-01	DIODE	EP05FA20	
D6510	6-500-137-01	DIODE	BAT54HT1	
D6511	8-719-081-97	DIODE	MMDL914T1	
D6512	8-719-081-97	DIODE	MMDL914T1	
D6551	8-719-081-97	DIODE	MMDL914T1	
D6552	8-719-081-97	DIODE	MMDL914T1	
D6553	8-719-081-97	DIODE	MMDL914T1	
	FUSE			
⚠ F6000	1-576-233-51	FUSE	6.3A	250V
	FERRITE BEAD			
FB6100	1-410-396-41	FERRITE	0.45µH	
FB6101	1-410-396-41	FERRITE	0.45µH	
	FUSE HOLDER			
⚠ FH6000	1-533-223-11	FUSE HOLDER	0A	0V
⚠ FH6001	1-533-223-11	FUSE HOLDER	0A	0V
	IC			
⚠ IC6100	6-709-581-01	IC	CXD9841M-H	
IC6200	6-709-368-01	IC	MM1431ATT	(CN)
⚠ IC6301	6-708-801-01	IC	MIP2H2	
IC6302	6-709-442-01	IC	MM1530ATT	
IC6401	6-709-368-01	IC	MM1431ATT	(CN)
IC6402	6-709-368-01	IC	MM1431ATT	(CN)
⚠ IC6502	6-709-192-01	IC	FA5501AN-D1-TE1	

REF. NO.	PART NO.	DESCRIPTION	VALUES
	CHIP CONDUCTOR		
JR6001	1-216-295-91	SHORT CHIP	
JR6002	1-216-296-11	SHORT CHIP	
JR6004	1-216-295-91	SHORT CHIP	
JR6007	1-216-296-11	SHORT CHIP	
JR6008	1-216-296-11	SHORT CHIP	
JR6009	1-216-296-11	SHORT CHIP	
JR6010	1-216-296-11	SHORT CHIP	
JR6011	1-216-295-91	SHORT CHIP	
JR6012	1-216-295-91	SHORT CHIP	
JR6013	1-216-295-91	SHORT CHIP	
	COIL		
L6000	1-456-856-21	LINE FILTER COIL	
L6001	1-456-856-21	LINE FILTER COIL	
L6203	1-414-487-41	INDUCTOR	1µH
L6204	1-414-487-41	INDUCTOR	1µH
L6207	1-457-239-11	INDUCTOR	4.7µH
L6208	1-457-239-11	INDUCTOR	4.7µH
L6300	1-414-934-21	INDUCTOR	10µH
L6500	1-457-218-11	INDUCTOR	100µH
L6502	1-457-141-11	INDUCTOR	175µH
	PHOTO COUPLER		
PH6000	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF
PH6100	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF
PH6301	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF
PH6400	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF
PH6402	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF
	TRANSISTOR		
Q6051	8-729-045-62	TRANSISTOR	2SK2158-T2B
⚠ Q6100	6-551-297-01	TRANSISTOR	2SK3568
⚠ Q6101	6-551-297-01	TRANSISTOR	2SK3568
Q6400	8-729-804-41	TRANSISTOR	2SB1122-S
Q6401	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6402	8-729-045-62	TRANSISTOR	2SK2158-T2B
Q6403	8-729-026-49	TRANSISTOR	2SA1037AK-T146-R
Q6404	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6405	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6406	8-729-120-28	TRANSISTOR	2SC1623-L5L6

G2

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	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	Q6454	8-729-026-49	TRANSISTOR	2SA1037AK-T146-R		
	Q6455	8-729-120-28	TRANSISTOR	2SC1623-L5L6		
⚠	Q6500	6-551-403-01	TRANSISTOR	2SK3797		
	Q6501	8-729-820-90	TRANSISTOR	2SD1621-ST		
	Q6502	8-729-804-41	TRANSISTOR	2SB1122-S		
⚠	Q6504	6-551-403-01	TRANSISTOR	2SK3797		
		RESISTOR				
⚠	R6002	1-240-251-11	METAL	6.8	5%	10W
	R6003	1-247-752-11	CARBON	1K	5%	1/2W
	R6004	1-218-835-11	METAL CHIP	330	0.50%	1/10W
	R6051	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6052	1-216-837-11	METAL CHIP	22K	5%	1/10W
	R6101	1-249-385-11	CARBON	2.2	5%	1/4W
⚠	R6102	1-202-933-61	FUSIBLE	0.1	10%	1/2W
	R6103	1-218-823-11	METAL CHIP	100	0.50%	1/10W
	R6104	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
	R6105	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
	R6106	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
	R6107	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
	R6108	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
	R6109	1-218-761-11	METAL CHIP	240K	0.50%	1/10W
	R6110	1-218-881-11	METAL CHIP	27K	0.50%	1/10W
	R6111	1-218-873-11	METAL CHIP	12K	0.50%	1/10W
	R6114	1-211-985-11	METAL CHIP	47	0.50%	1/10W
	R6116	1-216-009-91	RES-CHIP	22	5%	1/10W
	R6117	1-216-009-91	RES-CHIP	22	5%	1/10W
	R6118	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6119	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6121	1-216-361-00	METAL OXIDE	0.22	5%	2W
	R6122	1-216-361-00	METAL OXIDE	0.22	5%	2W
	R6123	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
	R6127	1-216-857-11	METAL CHIP	1M	5%	1/10W
	R6200	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6201	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6202	1-216-105-91	RES-CHIP	220K	5%	1/10W
	R6203	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
	R6204	1-218-843-11	METAL CHIP	680	0.50%	1/10W
	R6205	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W
	R6207	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
⚠	R6208	1-249-377-11	CARBON	0.47	5%	1/4W
	R6226	1-249-389-11	CARBON	4.7	5%	1/4W
⚠	R6300	1-212-958-00	FUSIBLE	10	5%	1/2W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6301	1-243-725-71	METAL OXIDE	100K	5%	1W
R6302	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W
R6303	1-249-385-11	CARBON	2.2	5%	1/4W
R6304	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6305	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R6306	1-216-805-11	METAL CHIP	47	5%	1/10W
R6307	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6308	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6309	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6400	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6401	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6402	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6403	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6405	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6407	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6408	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
R6409	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6410	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6412	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6413	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6417	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6418	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6419	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6420	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6436	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6437	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6441	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6442	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6443	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6444	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6451	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6452	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R6453	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6454	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6455	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
R6456	1-218-859-11	METAL CHIP	3.3K	0.50%	1/10W
R6459	1-218-885-11	METAL CHIP	39K	0.50%	1/10W
R6461	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6462	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6468	1-218-903-11	METAL CHIP	220K	0.50%	1/10W

G2 H1U H2U

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6503	1-215-882-00	METAL OXIDE	22	5%	2W
R6512	1-218-907-11	METAL CHIP	330K	0.50%	1/10W
R6513	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
R6514	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6515	1-218-823-11	METAL CHIP	100	0.50%	1/10W
R6526	1-211-989-11	METAL CHIP	68	0.50%	1/10W
R6527	1-218-913-91	METAL CHIP	560K	0.50%	1/10W
R6528	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
R6529	1-216-864-11	SHORT CHIP			
R6530	1-219-729-11	METAL	0.33	10%	5W
R6531	1-219-729-11	METAL	0.33	10%	5W
R6532	1-216-864-11	SHORT CHIP			
R6533	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6534	1-218-823-11	METAL CHIP	100	0.50%	1/10W
R6535	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6536	1-218-830-11	METAL CHIP	200	0.50%	1/10W
R6537	1-249-389-11	CARBON	4.7	5%	1/4W
R6538	1-249-405-11	CARBON	100	5%	1/4W
R6539	1-218-830-11	METAL CHIP	200	0.50%	1/10W
R6540	1-249-389-11	CARBON	4.7	5%	1/4W
R6541	1-208-818-11	METAL CHIP	33K	0.50%	1/10W
R6542	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
R6543	1-218-830-11	METAL CHIP	200	0.50%	1/10W
R6544	1-218-830-11	METAL CHIP	200	0.50%	1/10W
R6545	1-208-848-11	METAL CHIP	560K	0.50%	1/10W
R6546	1-208-848-11	METAL CHIP	560K	0.50%	1/10W
R6547	1-208-848-11	METAL CHIP	560K	0.50%	1/10W
R6548	1-208-846-11	METAL CHIP	470K	0.50%	1/10W
R6549	1-208-844-11	METAL CHIP	390K	0.50%	1/10W
R6550	1-218-875-11	METAL CHIP	15K	0.50%	1/10W
R6551	1-249-393-11	CARBON	10	5%	1/4W
R6552	1-216-809-11	METAL CHIP	100	5%	1/10W
R6553	1-208-830-11	METAL CHIP	100K	0.50%	1/10W
R6554	1-218-911-11	METAL CHIP	470K	0.50%	1/10W
R6555	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6557	1-218-851-11	METAL CHIP	1.5K	0.50%	1/10W
R6560	1-218-911-11	METAL CHIP	470K	0.50%	1/10W
R6562	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6563	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6564	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6565	1-218-760-11	METAL CHIP	220K	0.50%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
	RELAY				
RY6003	1-755-488-11	RELAY	(LKP1AF-18V)		
	TRANSFORMER				
T6102	1-443-983-11	CONVERTER	TRANSFORMER	(PIT)	
T6103	1-443-982-11	CONVERTER	TRANSFORMER	(PIT)	
T6301	1-443-984-11	CONVERTER	TRANSFORMER	(SBT)	
	VARISTOR				
VD6000	1-804-996-21	VARISTOR			
VD6001	1-804-996-21	VARISTOR			

H1U

A-1172-589-D H1U BOARD, MOUNTED

RESISTOR

R101	1-218-848-11	METAL CHIP	1.1K	0.50%	1/10W
R102	1-218-841-11	METAL CHIP	560	0.50%	1/10W
R103	1-218-835-11	METAL CHIP	330	0.50%	1/10W
R104	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R105	1-218-827-11	METAL CHIP	150	0.50%	1/10W

SWITCH

S101	1-572-595-11	SWITCH, TACTILE
S102	1-572-595-11	SWITCH, TACTILE
S103	1-572-595-11	SWITCH, TACTILE
S104	1-572-595-11	SWITCH, TACTILE
S105	1-572-595-11	SWITCH, TACTILE
S106	1-572-595-11	SWITCH, TACTILE
S107	1-572-595-11	SWITCH, TACTILE

H2U

*** A-1152-234-E H2U BOARD, MOUNTED**

CAPACITOR

C203	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C204	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C205	1-125-891-11	CERAMIC CHIP	0.47µF	10%	10V
C206	1-125-889-91	CERAMIC CHIP	2.2µF	10%	10V
C207	1-125-889-91	CERAMIC CHIP	2.2µF	10%	10V

H2U H3U

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C208	1-125-889-91	CERAMIC CHIP	2.2µF	10%	10V
C209	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C210	1-164-227-11	CERAMIC CHIP	0.022µF	10%	25V
C211	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C212	1-164-227-11	CERAMIC CHIP	0.022µF	10%	25V
C215	1-115-416-11	CERAMIC CHIP	0.001µF	5%	25V
	CONNECTOR				
CN201	1-820-192-11	HEADER ASSEMBLY (PRINT PWB)			15P
	DIODE				
D201	8-719-977-28	DIODE	DTZ10B		
D202	8-719-977-28	DIODE	DTZ10B		
D203	8-719-977-28	DIODE	DTZ10B		
D204	8-719-977-28	DIODE	DTZ10B		
D205	8-719-977-28	DIODE	DTZ10B		
D206	8-719-977-28	DIODE	DTZ10B		
	JACK				
J201	1-780-368-11	S TERMINAL BLOCK (RIGHT)			
J202	1-815-325-11	JACK			
	RESISTOR				
R202	1-216-864-11	SHORT CHIP			
R203	1-216-853-11	METAL CHIP	470K	5%	1/10W
R204	1-216-853-11	METAL CHIP	470K	5%	1/10W
R205	1-216-864-11	SHORT CHIP			
R206	1-216-864-11	SHORT CHIP			
R207	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R208	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R209	1-218-285-11	METAL CHIP	75	5%	1/10W
R210	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R211	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R212	1-216-797-11	METAL CHIP	10	5%	1/10W
R213	1-216-821-11	METAL CHIP	1K	5%	1/10W
R214	1-216-821-11	METAL CHIP	1K	5%	1/10W
R215	1-216-809-11	METAL CHIP	100	5%	1/10W
R216	1-216-809-11	METAL CHIP	100	5%	1/10W
R217	1-216-821-11	METAL CHIP	1K	5%	1/10W
R218	1-216-821-11	METAL CHIP	1K	5%	1/10W
R219	1-216-809-11	METAL CHIP	100	5%	1/10W
R220	1-216-797-11	METAL CHIP	10	5%	1/10W
R224	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R225	1-218-831-11	METAL CHIP	220	0.50%	1/10W
	VARISTOR				
VD201	1-802-082-11	VARISTOR	(SMD)		
VD202	1-802-082-11	VARISTOR	(SMD)		
VD203	1-802-082-11	VARISTOR	(SMD)		

H3U

*	**A-1172-591-D**	**H3U BOARD, MOUNTED**			
	CAPACITOR				
C302	1-162-960-11	CERAMIC CHIP	220pF	10%	50V
C303	1-119-667-11	CERAMIC CHIP	22µF		10V
C305	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C307	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C308	1-126-205-11	ELECT CHIP	47µF	20%	6.3V
	CONNECTOR				
CN301	1-820-187-11	HEADER ASSEMBLY (PRINT PWB)			10P
	DIODE				
D302	8-719-085-26	DIODE	CL-165HR/SYG-D-T		
D305	8-719-085-26	DIODE	CL-165HR/SYG-D-T		
D308	6-500-817-01	DIODE (LED)	SML-512UWT86		
	IC				
IC301	6-600-502-01	HIC	GP1UE26RK0VF		
IC302	6-600-447-01	IC	TPS853(SONY)		
	TRANSISTOR				
Q301	8-729-028-96	TRANSISTOR	DTC114EUA-T106		
Q302	8-729-028-96	TRANSISTOR	DTC114EUA-T106		
Q303	8-729-028-96	TRANSISTOR	DTC114EUA-T106		
Q304	8-729-028-96	TRANSISTOR	DTC114EUA-T106		
Q305	8-729-028-96	TRANSISTOR	DTC114EUA-T106		
Q306	8-729-602-36	TRANSISTOR	2SA1602-F		

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

H3U QS QT

REF. NO.	PART NO.	DESCRIPTION	VALUES		
	RESISTOR				
R301	1-216-819-11	METAL CHIP	680	5%	1/10W
R302	1-216-815-11	METAL CHIP	330	5%	1/10W
R303	1-216-819-11	METAL CHIP	680	5%	1/10W
R304	1-216-815-11	METAL CHIP	330	5%	1/10W
R305	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R306	1-216-817-11	METAL CHIP	470	5%	1/10W
R307	1-216-805-11	METAL CHIP	47	5%	1/10W
R309	1-216-839-11	METAL CHIP	33K	5%	1/10W
R310	1-216-821-11	METAL CHIP	1K	5%	1/10W
R311	1-216-833-11	METAL CHIP	10K	5%	1/10W
R313	1-216-849-11	METAL CHIP	220K	5%	1/10W
R314	1-216-849-11	METAL CHIP	220K	5%	1/10W
R315	1-216-864-11	SHORT CHIP			
R316	1-216-827-11	METAL CHIP	3.3K	5%	1/10W

QS

A-1153-812-B QS BOARD, COMPLETE

Due to the complexity of this board, performing component level field repairs is not recommended. If service is required, complete board replacement is the preferred repair method. Data is provided for reference only.

QT

A-1164-341-B QT BOARD, COMPLETE

Due to the complexity of this board, performing component level field repairs is not recommended. If service is required, complete board replacement is the preferred repair method. Data is provided for reference only.
(If the tuner needs to be replaced, the complete QT Board must be ordered.
It cannot be ordered seperately.)

REF. NO.	PART NO.	DESCRIPTION	VALUES
	ACCESSORIES AND PACKING		
⚠	1-831-499-21	POWER-SUPPLY CORD SET (KDL-26S2000/32S2000 ONLY)	
⚠	1-832-937-11	AC POWER-SUPPLY CORD (KDL-40S2000 ONLY)	
	X-2102-511-1	BAG ASSEMBLY, RUDDER LOCK (Contains the 3 items below)	
☛	X-2055-089-2	LOCK ASSY, RUDDER (Support Belt)	
	2-593-320-02	SCREW, CION (M6X18)	
	2-580-663-01	SCREW, WOOD 3.8X20	
*	2-678-263-01	BAG, PROTECTION (KDL-26S2000 ONLY)	
*	2-678-264-01	BAG, PROTECTION (KDL-32S2000 ONLY)	
*	2-678-265-01	BAG, PROTECTION (KDL-40S2000 ONLY)	
*	2-663-104-01	BOARD, TOP (KDL-40S2000 ONLY)	
*	2-664-322-03	BOX,ACCESSORY (KDL-26S2000/32S2000 ONLY)	
	1-831-554-11	CABLE ASSY (15P DSUB CONNECTOR)	
	1-765-167-62	CABLE, COAXIAL (WITH (F) PLUG)	
*	2-673-893-01	CUSHION (LOWER) (KDL-26S2000 ONLY)	
*	2-673-887-01	CUSHION (LOWER) (KDL-32S2000 ONLY)	
*	2-673-883-01	CUSHION (LOWER) (KDL-40S2000 ONLY)	
*	2-673-892-01	CUSHION (UPPER) (KDL-26S2000 ONLY)	
*	2-673-886-01	CUSHION (UPPER) (KDL-32S2000 ONLY)	
*	2-673-882-01	CUSHION (UPPER) (KDL-40S2000 ONLY)	
*	2-674-396-01	CUSHION (UPPER) (CENTER) (KDL-40S2000 ONLY)	
	2-681-666-11	GUIDE, QUICK SET UP (English Version)	
	2-681-666-21	GUIDE, QUICK SET UP (French Version)	
	2-681-666-31	GUIDE, QUICK SET UP (Spanish Version)	
*	4-067-995-01	HANDLE (E) (KDL-40S2000 ONLY)	

REF. NO.	PART NO.	DESCRIPTION	VALUES
*	2-666-812-01	INDIVIDUAL CARTON	
	(KDL-26S2000 SN 7,000,000 to 7,999,999 ONLY)		
*	2-673-890-01	INDIVIDUAL CARTON	
	(KDL-26S2000 ALL EXCEPT SN 7,000,000 to 7,999,999)		
*	2-671-170-02	INDIVIDUAL CARTON	
	(KDL-32S2000 SN 7,000,000 to 7,999,999 ONLY)		
*	2-673-875-01	INDIVIDUAL CARTON	
	(KDL-32S2000 ALL EXCEPT SN 7,000,000 to 7,999,999)		
*	2-671-113-01	INDIVIDUAL CARTON	
	(KDL-40S2000 SN 7,000,000 to 7,999,999 ONLY)		
*	2-673-880-01	CARTON, HSC	
	(KDL-40S2000 ALL EXCEPT SN 7,000,000 to 7,999,999)		
	2-681-665-11	MANUAL, INSTRUCTION	(English Version)
	2-681-665-21	MANUAL, INSTRUCTION	(French Version)
	2-681-665-31	MANUAL, INSTRUCTION	(Spanish Version)
*	2-649-072-01	SHEET, PROTECTION	
		(KDL-26S2000 ONLY)	
*	2-649-073-01	SHEET, PROTECTION	
		(KDL-32S2000 ONLY)	
	X-2055-089-2	(Support Belt) LOCK ASSY, RUDDER	
*	2-673-881-01	TRAY	
		(KDL-40S2000 ONLY)	
*	2-674-395-01	TRAY, TOP	
		(KDL-40S2000 ONLY)	
	3-674-673-01	STOPPER (A)	
		(KDL-40S2000 ONLY)	

REF. NO.	PART NO.	DESCRIPTION	VALUES
	MISCELLANEOUS		
	2-596-649-01	+KTT 3X10 (S TYPE)	
	X-2109-045-1	BRACKET, (A,TU)(UC) ASSEMBLY	
	2-580-591-01	SCREW, +PSW M3X5 (FOR A TU BKT)	
		(KDL-26S2000/32S2000 ONLY)	
	2-674-965-11	SCREW +PSW 3SG (FOR A TU BKT)	
		(KDL-40S2000 ONLY)	
	4-088-215-01	GASKET (13X13)	
		(KDL-26S2000/32S2000 ONLY)	
	1-910-026-27	HARNESS ASSEMBLY (1)	
		(KDL-40S2000 ONLY)	
	2-674-965-11	SCREW +PSW 3SG	
		(KDL-40S2000 ONLY)	
	2-580-639-01	SCREW, +BVTP2 4X12	
	2-580-602-01	SCREW, +PSW M4X12	
	2-676-025-01	SCREW,WTP 5X35	
		(KDL-40S2000 ONLY)	
	REMOTE COMMANDER		
	1-479-686-21	REMOTE COMMANDER (RM-YD005)	

Sony Corporation
Sony Technology Center
Technical Services
Service Promotion Department

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APPENDIX A: ENCRYPTION KEY COMPONENTS

Encryption key components developed by Sony Corporation contain confidential information, and shall be handled under the non-disclosure obligations provided in the applicable agreement with Sony Corporation (and/or its subsidiary).

As part of this agreement specific instructions must be adhered to whenever a Circuit Board containing encryption key components is repaired and/or replaced pursuant to the following:

1) **In the service manual the Circuit Board(s) containing encryption key components shall be identified with a red outline and a .**

2) **Only repair boards or components listed in the service manual shall be utilized for replacement and/or repair.**

3) **Disassembly, decryption, or reverse-engineering component(s) is strictly prohibited.**

4) **Any board in which the Servicer replaces an encryption key component must be placed back into the set it orignally came from and the replaced defective component MUST BE DESTROYED. Boards cannot be swapped.**

5) **If a Circuit Board identified with a red outline and a in the service manual is deemed to be defective:**

   a) **and if a core charge is imposed and is covered under the product warranty, the defective un-repaired or modified board MUST BE RETURNED to Sony.**

   b) **and if the core charge is NOT covered under the product warranty, the defective un-repaired or modified board MUST BE DESTROYED.**

5) **If a unit is destroyed (such as field scrap), the Circuit Board identified with a red outline and a in the service manual MUST BE DESTROYED.**

SERVICE MANUAL

WAX2 CHASSIS

In an effort to reduce the size of this pdf file the tiled schematics are not attached to this Service Manual. To receive a complete set of the tiled schematics for this manual please submit a request to the Service Promotion Department at Service_Promotion@am.sony.com.